



# University of Agriculture, Faisalabad

## Bidding Documents

### Tender No.6/2022

#### **SPECIAL INSTRUCTIONS**

- No cutting, erasing is allowed in the Tender bid.
- Bid offered strictly in accordance with the bid document will only be accepted.
- Only typed bid will be accepted
- All bidders and the representative visits the University of Agriculture, Faisalabad must ensure safety measures for COVID-19 as directed by the Govt. of Pakistan

**THIS IS FOR STRICT COMPLIANCE, FAILING WHICH THE  
RESPECTIVE BID SHALL STAND CANCELLED**

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## **Section I.**

# **Invitation for Bids**



## UNIVERSITY OF AGRICULTURE, FAISALABAD (TENDER NOTICE No.6/2022)

Sealed tenders are invited from Income Tax and Sales Tax registered firms on the basis of Single Stage (one envelop procedure) for **purchase of Books** for the Department of Library – Main Campus under HEC Library Support Program (LSP) at University of Agriculture, Faisalabad.

<b>Date of Receiving and Opening</b>	<b>10.02.2022</b>	<b>Receiving Time</b>	<b>11:00 a.m.</b>
		<b>Opening Time</b>	<b>11:30 a.m.</b>
		<b>Tender Fee</b>	<b>Rs.500/-*</b>
			<b>(Free, if Downloading)</b>
* <b>Link for free Downloading:</b> <a href="http://uaf.edu.pk/directorates/dpiv/dpiv_tenders.html">http://uaf.edu.pk/directorates/dpiv/dpiv_tenders.html</a>			

- The bidding documents are available in the office of the Treasurer (**Tender Cell**) and the same may be obtained subject to payment of the cost of the printing and provision of the document (tender Fee) as mentioned above to be deposited in the University Income Account (No.11-9/NBP, UAF Branch).
- All the interested bidders will submit the bids in the Tender Cell, 1st Floor Admin. Block Treasurer's Office, University of Agriculture, Faisalabad (UAF) as per schedule mentioned above.

**DIRECTOR (DPIC)**  
(For & On behalf of the Committee)  
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Section II.

**Instructions to Bidders**

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**Instructions to Bidders**

**A. Introduction**

- |                                       |  |
|---------------------------------------|--|
| <b>1. Source of Funds</b>             | University of Agriculture, Faisalabad.   |
| <b>2. Eligible Bidders</b>            | <p>2.1 The invitation for Bids is opened to all supplier having trade relations with Pakistan and registration for National Tax Number &amp; Sales Tax Number with Federal Board of Revenue</p> <p>2.2 Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation for Bids.</p> <p>2.3 Only Government owned enterprises may participate, only if they are legally allowed.</p> <p>2.4 bidders shall not be under a declaration of ineligibility in accordance with ITB 36.1&amp;37 by any Government organization. The bidder shall provide affidavit to this effect.</p> |
| <b>3. Eligible Goods and Services</b> | <p>3.1 All goods and related services to be supplied under the contract shall have their origin in eligible source countries, and all expenditures made under the contract will be limited to such goods and services.</p> <p>3.2 For purposes of this clause, “origin” means the place where the goods are mined, grown, or produced, or the place from which the related services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially-recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.</p> <p>3.3 The origin of goods and services is distinct from the nationality of the Bidder.</p>  |
| <b>4. Cost of Bidding</b>             | <p>4.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Purchaser named in the bid date sheet, hereinafter referred to as “the purchaser” will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.</p>   |

**B. The Bidding Documents**

- 5. Content of Bidding Documents**

5.1 The goods required, bidding procedures, and contract terms are prescribed in the bidding documents. In addition to the Invitation for Bids, the bidding documents include:

  - (a) Instructions to Bidders (ITB)
  - (b) Bid Data Sheet
  - (c) General Conditions of Contract (GCC)
  - (d) Special Conditions of Contract (SCC)
  - (e) Schedule of Requirements
  - (f) Technical Specifications
  - (g) Bid Form and Price Schedules
  - (h) Manufacturer’s Authorization Form
  - (i) Integrity pact.
  - (j) Mechanism of Blacklisting and Deregistration

5.2 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or to submit a bid not substantially responsive to the bidding documents in every respect will be at the Bidder’s risk and may result in the rejection of its bid.
- 6. Clarification of Bidding Documents**

6.1 A prospective Bidder requiring any clarification of the bidding documents may notify the Purchaser in writing at the Purchaser’s address indicated in the **Bid Data Sheet**. The Purchaser will respond in writing to any request for clarification of the bidding documents which it receives prior to the deadline for the submission of bids prescribed in ITB Clause 19.1. Written copies of the Purchaser’s response (including an explanation of the query but without identifying the source of inquiry) will be sent to all prospective bidders that have received the bidding documents.
- 7. Amendment of Bidding Documents**

7.1 At any time prior to the deadline for submission of bids, the Purchaser, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, may modify the bidding documents by amendment.

7.2 All prospective bidders that have received the bidding documents will be notified of the amendment in writing and will be binding on them.

7.3 In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the Purchaser, at its discretion, may extend the deadline for the submission of bids.



C. Preparation of Bids

8. Language of Bid

8.1 The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser shall be written in English. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified above, in which case, for purposes of interpretation of the Bid, the translation shall govern.
9. Documents Constituting the Bid

9.1 The bid prepared by the Bidder shall comprise the following components:

(a) a Bid Form and a Price Schedule completed in accordance with ITB Clauses 10, 11, and 12;

(b) documentary evidence established in accordance with ITB Clause 13 that the Bidder is eligible to bid and is qualified to perform the contract if its bid is accepted;

(c) documentary evidence established in accordance with ITB Clause 14 that the goods and ancillary services to be supplied by the Bidder are eligible goods and services and conform to the bidding documents; and

(d) bid security furnished in accordance with ITB Clause 15.
10. Bid Form

10.1 The Bidder shall complete the Bid Form and the appropriate Price Schedule furnished in the bidding documents, indicating the goods to be supplied, a brief description of the goods, their country of origin, quantity, and prices.

10.2 Bidders tendering for engineering goods produced in Pakistan shall be accorded a price preference in rupees up to a specific percentage (in proportion to the value addition) of the lowest quoted landed cost of an item of foreign origin with similar specifications as mentioned in the tenders:

(1) Provided that-

(a) The saving in foreign exchange is not less than the amount of price preference: and

(b) It is ensured that in each case of such preference, the total import requirements for producing the supplies tendered for locally manufactured items has been duly indicated by the bidders.

(2) Price preference shall be allowed as under:-

(a) Having minimum of twenty percent value addition through indigenous manufacturing price preference shall fifteen percent;

(b) Having over twenty percent and up to thirty percent value addition through indigenous manufacturing, price preference shall be twenty percent, and

(c) Having over thirty percent value addition through indigenous manufacturing, price preference shall be twenty five percent.

- (3) For the purpose of granting a margin of domestic preference bids will be classified into following groups.

**Group.A.** Bids offering engineering goods produced in Pakistan.

**Group.B.** Bids offering good of foreign origin to be imported by the purchaser through the supplier's Local (Pakistan) Agent.

**Group.C.** Bids offering good of foreign origin to be imported by the purchaser directly.

## 11. Bid Prices

11.1 The Bidder shall indicate on the appropriate Price Schedule the unit prices (where applicable) and total bid price of the goods it proposes to supply under the contract.

11.2 Prices indicated on the Price Schedule shall be entered separately in the following manner or specified otherwise in the Bid Data Sheet:-

- a). for goods offered from within Pakistan;

the price shall be quoted on FOR UAF basis. (FOR means the price of goods quoted by the bidder shall be inclusive of all costs, expenses, charges, duties and taxes etc. whatsoever incidental to their delivery, installation and commissioning as the case may be at UAF site).

- b) for goods offered from abroad by the LOCAL AGENT:

the price shall be quoted Cost and Freight (CFR), Carriage Paid to (Duty Paid) (CPT) Karachi seaport or Lahore/Faisalabad airport Pakistan, as the case may be. The bidder shall also add all cost expenses, charges, duties and taxes etc. whatsoever expect customs, incidental to delivery installation/commissioning of goods from the port of destination to UAF site. The bidder, in quoting the price, shall be free to use transportation in abroad except transit and means of transport through/of Israel. The LC at sight, as on Usance basis and Advance Payment will be governed as per following:-

### i. LC AT SIGHT

The bidder shall provide Performa Invoice of principal on CPT/CFR basis as per supply order along with Insurance / Cover Note and CDR **within fortnight** in favor of Director (DPIC) as security equal to 100% amount of the goods to initiate the LC at sight.

### ii. LC ON USANCE BASIS

In case the bidder, is unable to provide CDR in favor of Director (DPIC) as security equal to 100% amount of the goods to be imported, may chose this option and shall provide Performa Invoice of principal on CPT/CFR basis as per supply order along with Insurance / Cover Note **within fortnight** to initiate the LC on usance basis (minimum usance period 60 days from the date of Airway Bill **OR** 90 days from the date of Bill of Lading).

### iii. ADVANCE PAYMENT

The bidder shall provide Performa Invoice of principal on CPT/CFR basis as per supply order along with Insurance / Cover Note and CDR **within fortnight** in favor of Director (DPIC) as

security equal to 100% amount of the goods to be imported to proceed for advance payment to the exporter. However, this option will be had where the value of the goods to be imported is up to US \$ 10,000 or varied in accordance with the instructions of the State Bank of Pakistan and Pakistan Customs issued from time to time and remittance will also be made accordingly.

**iv. OPEN ACCOUNT**

In case the bidder has not opted for import through LC (at sight or Usance basis or advance payment) may opt this option and shall provide Performa Invoice of principal on CPT/CFR basis as per supply order **within fortnight**. However, remittance will be made maximum up to six months from the date of filing of Goods Declaration (GD) form or otherwise as per Foreign Exchange Manual of State Bank of Pakistan and Pakistan Customs or instruction issued in this regard from time to time.

**v. CONTRACT / COLLECTION**

In case the bidder has not opted the options referred to “i to iv” above and may opt for this option. The bidder shall provide Performa Invoice of principal on CPT/CFR basis as per supply order **within fortnight**. The minimum period for remittance will be 60 days from the date of Airway Bill **OR** 90 days from the date of Bill of Lading. However, remittance will be made as per Foreign Exchange Manual of State Bank of Pakistan and Pakistan Customs or instruction issued in this regard from time to time.

**vi. INCIDENTAL CHARGES FOR IMPORT OF GOODS:**

All charges (Inside/outside Pakistan) like insurance, LC/bank and clearance of consignment from port/custom authorities will be borne by the bidder.

**vii. RELEASE OF CDR**

In case of LC at sight and advance payment to exporter, the CDR equal to 100% amount of the shipment as security will be released by Director (DPIC) after receiving of satisfactory inspection/installation/commissioning report from convener tender committee concerned.

**viii. INITIATION OF REMITTANCE TO THE EXPORTER**

In case of LC on usance basis, import on Open Account and Contract / Collection basis, the Director (DPIC) will initiate remittance through the concern bank to the exporter after receiving the satisfactory inspection/installation/commissioning report from the purchaser or the convener tender committee as the case may be.

**DELIVERY PERIOD**

After receiving the transmitted LC (at sight OR Usance Basis) OR swift acknowledgment against advance payment / proof of advance payment OR supply order on “Open Account” or “Contract / Collection” basis, the local supplier is responsible to provide complete set of shipping documents [i.e. Airway Bill/Seaway Bill/Bill of Lading, Commercial Invoice, Packing List, Country of Origin Certificate and any other document(s) related to shipment (if required) along with detail of bidder’s clearing agent for issuance of authority letter for clearance of consignment from port / custom authorities] ***within 6 weeks from the date of opening of LC (at sight or usance basis), advance payment and date of supply order for import of goods on “Open Account” or “Contract / Collection” basis. Moreover, after clearance of consignment by bidder from port / custom authorities, will deliver the consignment to the purchaser along with complete set of post shipment documents***

*within 05 days from the date of Authority Letter.* After expiry of the requisite period, firm will require to apply for extension in delivery period. However, after due scrutiny the Committee may extend the delivery period with liquidated damages as per applicable rate if the delay is on part of the bidder or without liquidated damages if the delay is on the part of the procuring agency or due to “force majeure”.

**NOTE:**

In case of late submission of Proforma Invoice, shipping documents and delivery of goods, difference of exchange rate on higher side as well as liquidated damages shall be recovered out of belongings of the bidders @ 0.67% of the value of the goods up to maximum 10% of the value of goods.

- 11.3 The terms CFR, CPT, etc., shall be governed by the rules prescribed in the current edition of *Incoterms* published by the International Chamber of Commerce, Paris or otherwise specified in the Bid Data Sheet and SCC
- 11.4 The Bidder’s separation of price components in accordance with ITB Clause 11.2 above will be solely for the purpose of facilitating the comparison of bids by the Purchaser and will not in any way limit the Purchaser’s right to contract on any of the terms offered.
- 11.5 Prices quoted by the Bidder shall be fixed during the Bidder’s performance of the contract and not subject to variation on any account, unless otherwise specified in the Bid Data Sheet. A bid submitted with an adjustable price quotation will be treated as non-responsive and will be rejected, pursuant to ITB Clause 24. If, however, in accordance with the Bid Data Sheet, prices quoted by the Bidder shall be subject to adjustment during the performance of the contract, a bid submitted with a fixed price quotation will not be rejected, but the price adjustment would be treated as zero.

**12. Bid Currencies**

- 12.1 Prices shall be quoted in the following currencies:
  - (a) For goods and services that the Bidder will supply from within the Purchaser Country, the prices shall be quoted in Pak Rupees, unless otherwise specified in the **Bid Data Sheet**.
  - (b) For goods and services that the Bidder will supply from outside the Purchaser Country, the prices shall be quoted in any currency. However the payment will only be made by the purchaser in pak rupees in case of ITB clause 11.2 (b) and SCC.

**13. Documents Establishing Bidder’s Eligibility and Qualification**

- 13.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, documents establishing the Bidder’s eligibility to bid and its qualifications to perform the contract if its bid is accepted.
- 13.2 The documentary evidence of the Bidder’s eligibility to bid shall establish to the Purchaser’s satisfaction that the Bidder, at the time of submission of its bid, is from an eligible country as defined under ITB Clause 2.
- 13.3 The documentary evidence of the Bidder’s qualifications to perform the contract if its bid is accepted shall establish to the Purchaser’s satisfaction:
  - (a) that, in the case of a Bidder offering to supply goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by

the goods’ Manufacturer or producer to supply the goods in the Purchaser Country;

- (b) that the Bidder has the financial, technical, and production capability necessary to perform the contract;
- (c) that, in the case of a Bidder not doing business within the Purchaser Country, the Bidder is or will be (if awarded the contract) represented by an Agent in that country equipped and able to carry out the Supplier’s maintenance, repair, and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and
- (d) that the Bidder meets the qualification criteria listed in the **Bid Data Sheet**.

**14. Documents Establishing Goods’ Eligibility and Conformity to Bidding Documents**

- 14.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all goods and services which the Bidder proposes to supply under the contract.
- 14.2 The documentary evidence of the eligibility of the goods and services shall consist of a statement in the Price Schedule of the country of origin of the goods and services offered which shall be confirmed by a certificate of origin issued at the time of shipment.
- 14.3 The documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings, and data, and shall consist of:
  - (a) a detailed description of the essential technical and performance characteristics of the goods;
  - (b) a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period to be specified in the **Bid Data Sheet**, following commencement of the use of the goods by the Purchaser; and
  - (c) an item-by-item commentary on the Purchaser’s Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.
- 14.4 For purposes of the commentary to be furnished pursuant to ITB Clause 14.3(c) above, the Bidder shall note that standards for workmanship, material, and equipment, as well as references to brand names or catalogue numbers designated by the Purchaser in its Technical Specifications, are intended to be descriptive only and not restrictive. The Bidder may substitute alternative standards, brand names, and/or catalogue numbers in its bid, provided that it demonstrates to the Purchaser’s satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

**15. Bid Security**

- 15.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, a bid security @ 2% of the Estimated Cost or in the amount specified otherwise in the **Bid Data Sheet**.
- 15.2 The bid security is required to protect the Purchaser against the risk of Bidder’s conduct which would warrant the security’s

forfeiture, pursuant to ITB Clause 15.7.

15.3 The bid security shall be denominated in the currency of the bid or in another freely convertible currency, and shall be in one of the following forms:

(a) Call deposit receipt (CDR).

15.4 Any bid not secured in accordance with ITB Clauses 15.1 and 15.3 will be rejected by the Purchaser as nonresponsive, pursuant to ITB Clause 24.

15.5 Unsuccessful bidders' bid securities will be discharged or returned as promptly as possible but not later than thirty (30) days after the expiration of the period of bid validity prescribed by the Purchaser pursuant to ITB Clause 16.

15.6 The successful Bidder's bid security will be discharged upon the Bidder signing the contract, pursuant to ITB Clause 34, and furnishing the performance security, pursuant to ITB Clause 35.

15.7 The bid security may be forfeited:

(a) if a Bidder:

- (i) withdraws its bid during the period of bid validity specified by the Bidder on the Bid Form, or
- (ii) does not accept the correction of errors pursuant to ITB Clause 24.2; or

(b) in the case of a successful Bidder, if the Bidder fails:

- (i) to sign the contract in accordance with ITB Clause 34; or
- (ii) to furnish performance security in accordance with ITB Clause 35.

**16. Period of  
Validity of  
Bids**

16.1 Bids shall remain valid for the period specified in the **Bid Data Sheet** after the deadline date of bid submission prescribed by the Purchaser, pursuant to ITB Clause 19. A bid valid for a shorter period shall be rejected by the Purchaser as nonresponsive.

16.2 In exceptional circumstances, the Purchaser may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The bid security provided under ITB Clause 15 shall also be suitably extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid.

**17. Format and  
Signing of  
Bid**

17.1 The Bidder shall prepare an original bid indicated in the **Bid Data Sheet**, clearly marking each "TECHNICAL BID" and "FINANCIAL BID," as appropriate. In the event of any discrepancy between them, the original shall govern.

17.2 The original bid shall be typed and signed by the Bidder or a person or persons duly authorized to bind the Bidder to the contract. All pages of the bid, except for unamended printed literature, shall be initialed by the person or persons signing the bid.

- 17.3 Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.
- 17.4 The Bidder shall furnish information as described in the Form of Bid on commissions or gratuities, if any, paid or to be paid to agents relating to this Bid, and to contract execution if the Bidder is awarded the contract.

**D. Submission of Bids**

**18. Sealing and Marking of Bids**

- 18.1 The Bidder shall seal the Technical and Financial Bid in separate envelopes, duly marking the envelopes as “TECHNICAL” and “FINANCIAL.” The envelopes shall then be sealed in an outer envelope.
- 18.2 The inner and outer envelopes shall:
  - (a) be addressed to the Purchaser at the address given in the **Bid Data Sheet**; and
  - (b) bear the Project name indicated in the Bid Data Sheet, the Invitation for Bids (IFB) title and number indicated in the Bid Data Sheet, and a statement: “DO NOT OPEN BEFORE,” to be completed with the time and the date specified in the **Bid Data Sheet**, pursuant to ITB Clause 22.1.
- 18.3 The inner envelopes shall also indicate the name and address of the Bidder to enable the bid to be returned unopened in case it is declared “late.”
- 18.4 If the outer envelope is not sealed and marked as required by ITB Clause 18.2, the Purchaser will assume no responsibility for the bid’s misplacement or premature opening.

**19. Deadline for Submission of Bids**

- 19.1 Bids must be received by the Purchaser at the address specified under ITB Clause 18.2 (a) not later than the time and date specified in the **Bid Data Sheet**.
- 19.2 The Purchaser may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents in accordance with ITB Clause 7, in which case all rights and obligations of the Purchaser and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

**20. Late Bids**

- 20.1 Any bid received by the Purchaser after the deadline for submission of bids prescribed by the Purchaser pursuant to ITB Clause 19 will be rejected and returned unopened to the Bidder.

**21. Modification and Withdrawal of Bids**

- 21.1 The Bidder may modify or withdraw its bid after the bid’s submission, provided that written notice of the modification, including substitution or withdrawal of the bids, is received by the Purchaser prior to the deadline prescribed for submission of bids.
- 21.2 The Bidder’s modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of ITB Clause 18. A withdrawal notice may also be sent by fax, but followed by a signed confirmation copy, postmarked not later than the deadline for submission of bids.
- 21.3 No bid may be modified after the deadline for submission of bids.
- 21.4 No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity

specified by the Bidder on the Bid Form. Withdrawal of a bid during this interval may result in the Bidder’s forfeiture of its bid security, pursuant to the ITB Clause 15.7.

E. Opening and Evaluation of Bids

22. Opening of Bids by the Purchaser

22.1

The Purchaser will open all bids in the presence of bidders’ representatives who choose to attend, at the time, on the date, and at the place specified in the **Bid Data Sheet**. The bidders’ representatives who are present shall sign a register evidencing their attendance.

22.2

The bidders’ names, bid modifications or withdrawals, bid prices, discounts, and the presence or absence of requisite bid security and such other details as the Purchaser, at its discretion, may consider appropriate, will be announced at the opening. No bid shall be rejected at bid opening, except for late bids, which shall be returned unopened to the Bidder pursuant to ITB Clause 20.

22.3

Bids (and modifications sent pursuant to ITB Clause 21.2) that are not opened and read out at bid opening shall not be considered further for evaluation, irrespective of the circumstances.

22.4

The Purchaser will prepare minutes of the bid opening.
23. Clarification of Bids

23.1

During evaluation of the bids, the Purchaser may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the prices or substance of the bid shall be sought, offered, or permitted.
24. Preliminary Examination

24.1

The Purchaser will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.

24.2

Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words will prevail. If the Supplier does not accept the correction of the errors, its bid will be rejected, and its bid security may be forfeited.

24.3

The Purchaser may waive any minor informality, nonconformity, or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.

24.4

Prior to the detailed evaluation, pursuant to ITB Clause 26, the Purchaser will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these Clauses, a substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. Deviations from, or objections or reservations to critical provisions, **such as** those concerning Bid Security (ITB Clause 15), Applicable Law (GCC Clause 31), and Taxes and Duties (GCC Clause 33), will be deemed to be a material



deviation. The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

- 24.5 If a bid is not substantially responsive, it will be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the nonconformity.

**25. Conversion  
to Single  
Currency**

25.1 To facilitate evaluation and comparison, the Purchaser will convert all bid prices expressed in the amounts in various currencies in which the bid prices are payable to either:

- (a) Purchaser Country at the selling exchange rate established for similar transactions by the State Bank of Pakistan and National Bank of Pakistan or specified otherwise;

25.2 The currency selected for converting bid prices to a common base for the purpose of evaluation is Pak Rupees to be converted as per rate of the bank shown in ITB 25.1 (a) on the date of opening of the financial bid or specified otherwise in the **Bid Data Sheet**.

**26. Evaluation  
and  
Comparison  
of Bids**

26.1 The Purchaser will evaluate and compare the bids which have been determined to be substantially responsive, pursuant to ITB Clause 24.

26.2 The Purchaser's evaluation of a bid will take into account, in addition to the bid price quoted in accordance with ITB Clause 11.2, one or more of the following factors as specified in the **Bid Data Sheet**, and quantified in ITB Clause 26.3:

- (a) delivery schedule offered in the bid;
- (b) deviations in payment schedule from that specified in the Special Conditions of Contract;
- (c) the cost of components, mandatory spare parts, and service;
- (d) the availability in the Purchaser's country of spare parts and after-sales services for the equipment offered in the bid;
- (e) the projected operating and maintenance costs during the life of the equipment;
- (f) the performance and productivity of the equipment offered; and/or
- (g) other specific criteria indicated in the **Bid Data Sheet** and/or in the Technical Specifications.

26.3 For factors retained in the Bid Data Sheet pursuant to ITB 26.2, one or more of the following quantification methods will be applied, as detailed in the Bid Data Sheet:

- (a) *Delivery schedule.*
  - (i) The goods covered under this invitation are required to be delivered (shipped) within an acceptable range of weeks specified in the Schedule of Requirement. No credit will be given to earlier deliveries, and bids offering delivery beyond this range will be treated as nonresponsive. Within this acceptable range, an adjustment per week, as specified in the **Bid Data Sheet**, will be added for evaluation to the bid price of bids offering deliveries later than the earliest delivery period specified in the Schedule of Requirements.
- (b) *Deviation in payment schedule.*
  - (i) The SCC stipulates the payment schedule offered by the Purchaser. If a bid deviates from the schedule it will be considered as non-responsive bid.
- (c) *Cost of spare parts.*
  - (i) The list of items and quantities of major assemblies, components, and selected spare parts, likely to be required during the initial period of operation shall be specified by the bidder. The total cost of these items, at the unit prices quoted in each bid, will be added to the bid price.

**or**

- (ii) The bidder will draw up a list of high-usage and high-value items of components and spare parts, along with estimated quantities of usage in the initial

period of operation. The total cost of these items and quantities will be computed from spare parts unit prices submitted by the Bidder and added to the bid price.

- (d) *Spare parts and after sales service facilities in the Purchaser's country.*

The cost to the Purchaser of establishing the minimum service facilities and parts inventories, if outlined in the **Bid Data Sheet** or elsewhere in the bidding documents, if quoted separately, shall be added to the bid price.

- (e) *Operating and maintenance costs.*

Since the operating and maintenance costs of the goods under procurement form a major part of the life cycle cost of the equipment, these costs will be evaluated in accordance with the criteria specified in the **Bid Data Sheet** or in the Technical Specifications.

- (f) *Performance and productivity of the equipment.*

- (i) Goods offered shall have a minimum productivity specified under the relevant provision in the Technical Specifications to be considered responsive. Evaluation shall be based on the cost per unit of the actual productivity of goods offered in the bid or otherwise specified in the **Bid Data Sheet** or in the Technical Specifications.

- (g) *Specific additional criteria*

Other specific additional criteria to be considered in the evaluation and the evaluation method shall be detailed in the **Bid Data Sheet** and/or the Technical Specifications.

#### 26.4. **Delivery Schedule.**

As mentioned in Bid Data Sheet.

**27. Domestic Preference**

- 27.1 If the **Bid Data Sheet** so specifies, the Purchaser will grant a margin of preference to goods manufactured in the Purchaser’s country for the purpose of bid comparison, in accordance with the procedures outlined in subsequent paragraphs, provided the Bidder shall have established to the satisfaction of the Purchaser that its bid complies with the criteria specified in ITB Clause 10.2 (a):
- 27.2 The Purchaser will first review the bids to confirm the appropriateness of, and to modify as necessary, the bid group classification to which bidders assigned their bids in preparing their Bid Forms and Price Schedules, pursuant to ITB Clauses 10 and 11.
- 27.3 All evaluated bids in each group will then be compared among themselves to determine the lowest evaluated bid of each group. The lowest evaluated bid of each group will next be compared with the lowest evaluated bids of the other groups. If this comparison results in a bid from Group A or Group B being the lowest, it will be selected for contract award.
- 27.4 If, as a result of the preceding comparison, the lowest evaluated bid is from Group C, all Group C bids will then be further compared with the lowest evaluated bid from Group A, after adding to the evaluated bid price of the imported goods offered in each Group C bid, for the purpose of this further comparison only:
- (a) the amount of customs duties and other import taxes that a nonexempt importer would have to pay for the importation of goods offered in each Group C bid;
- If the Group A bid in the further comparison is the lowest, it will be selected for award. If not, the lowest evaluated bid from Group C, as determined from the comparison under ITB Clause 27.3 above, will be selected for award.

**28. Contacting the Purchaser**

- 28.1 From the time of bid opening to the time of contract award, if any bidder wishes to contact the Purchaser on any matter related to the bid, it should do so in writing.
- 28.2 Any effort by a Bidder to influence the Purchaser in its decisions on bid evaluation, bid comparison, or contract award may result in the rejection of the Bidder’s bid.

**F. Award of Contract**

**29. Post-qualification**

- 29.1 In the absence of prequalification, the Purchaser will determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated responsive bid is qualified to perform the contract satisfactorily, in accordance with the criteria listed in ITB Clause 13.3.
- 29.2 The determination will take into account the Bidder’s financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder’s qualifications submitted by the Bidder, pursuant to ITB Clause

13.3, as well as such other information as the Purchaser deems necessary and appropriate.

29.3 An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder’s bid, in which event the Purchaser will proceed to the next lowest evaluated bid to make a similar determination of that Bidder’s capabilities to perform satisfactorily.

**30. Award  
Criteria**

30.1 Subject to ITB Clause 32, the Purchaser will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily.

**31. Purchaser’s  
Right to Vary  
Quantities at  
Time of  
Award**

31.1 The Purchaser reserves the right at the time of contract award to increase or decrease, as per requirement, the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.

- |   |  |
|---|--|
| <b>32. Purchaser's Right to Accept Bid and to Reject All Bids</b> | 32.1 The Purchaser reserves the right to accept bid and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to the affected Bidder or bidders.   |
| <b>33. Notification of Award</b>                                  | <p>33.1 Prior to the expiration of the period of bid validity, the Purchaser will notify/inform the successful and unsuccessful Bidder in writing by letter or by Fax/ e-mail, or telephonically, that its bid has been accepted and unaccepted as the case may by.</p> <p>33.2 The notification of award will constitute the formation of the Contract.</p> <p>33.3 Upon the successful Bidder's furnishing of the performance security pursuant to ITB Clause 35, the Purchaser will discharge bid security to each unsuccessful Bidder on his written request, pursuant to ITB Clause 15.</p> <p>33.4 If, after notification of award, a Bidder wishes to ascertain the grounds on which its bid was not selected, it should address its request to the Purchaser. The Purchaser will promptly respond in writing to the unsuccessful Bidder.</p> |
| <b>34. Signing of Contract</b>                                    | 34.1 After 10 days from the announcement of evaluation report, the Purchaser will send supply order or Formal Contract as the case may be to successful bidder. In case of formal contract, the successful bidder will send back the contract to the purchaser duly signed within 7 days from the issuance date. Failing which the Purchaser reserves the right under ITB Clause 15.7.   |
| <b>35. Performance Security</b>                                   | <p>35.1 Within Seven (07) days from the issuance of acceptance letter from the Purchaser, the successful Bidder shall furnish the performance security in shape of any bank instrument as desired in Page # 1 of Bidding Document. In case the amount of bid security is equal or greater than the value of the goods to be supplied then the bidder shall not require furnishing the performance security separately and the bid security will be retained to meet the requirement of performance security.</p> <p>35.2 Failure of the successful Bidder to comply with the requirement of ITB Clause 35.1 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Purchaser may make the award to the next lowest evaluated Bidder or call for new bids.</p>                     |
| <b>36. Corrupt or Fraudulent Practices</b>                        | <p>36.1 The purchaser as well as Bidders/Suppliers/Contractors should observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the PPRA Govt. of the Punjab;</p> <p>(a) the terms set forth below as follows:</p> <p>(i) "corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and</p> <p>(ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Purchaser, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive</p>                 |

levels and to deprive the Purchaser of the benefits of free and open competition;

- (b) The purchaser will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
- (c) The Purchaser will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a University Contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a University Contract.

36.2 Furthermore, Bidders shall be aware of the provision stated in Clauses 5.4 and 24.1 of the General Conditions of Contract.

**37.Blacklisting/37.1** the Purchaser reserves the right to blacklist or deregister (may  
**Deregistration** impose Permanent or temporary bar for participation in the procurement proceedings respectively) the bidder as follows:-

(a) **Blacklisting:** The bidder who

- (i) Fail to perform contractual obligations or the performance under the contract is not upto the mark;
- (ii) Found to be indulging in corrupt or fraudulent practices;
- (iii) Commit an action causing or liable to cause loss to the University;
- (iv) Furnish false information;

(b) **Deregistration:** The bidder who

- (i) Submit bid as employee of the firm, or proprietor or shareholder being an employee of the University;
- (ii) Show non-responsive attitude in case of summoning by the University.
- (iii) Back out from their offers after opening of tender;
- (iv) Misbehave with the University employee;

37.2 The bidder shall provide affidavit that the firm was not declared blacklisted or deregistered by any of the Federal and Provincial Government institution.



## **Section III.**

# **Bid Data Sheet**

## Bid Data Sheet

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

<b>A-Introduction</b>	
<b>ITB 2.1</b>	The invitation for Bids is opened to all suppliers having registration for National Tax Number & Sales Tax Number with Federal Board of Revenue.
<b>ITB 2.3</b>	Government owned enterprises may participate, only if they are legally allowed.
<b>ITB 2.4</b>	In addition to the contents of ITB 2.4 the bidder shall not be blacklisted by any organization of the Government of the Punjab as well as Federal Government. The bidder shall provide affidavit to this effect.
<b>B- Bidding Documents</b>	
<b>ITB 5.1(h)</b>	Not applicable
<b>ITB 6.1</b>	<p>Purchaser's address: Muhammad Umar Farooq, Librarian  <b>THROUGH</b>  <b>Directorate of Procurement &amp; Inventory Control (DPIC)</b>  <b>University of Agriculture, Faisalabad</b>  <b>Phone No. 041-9200898</b></p> <p><b><u>FOR RESPONSE:</u></b>  1. Librarian, UAF Main Campus</p>
<b>C-Preparation of Bid</b>	
<b>ITB 8.1</b>	Language of the bid. <b>"English"</b>
<b>ITB 11.2</b>	Prices on F.O.R. basis is required
<b>ITB 11.2 (c)</b> <b>ITB 11.3</b>	Not applicable
<b>ITB 13.3 (d)</b>	<p>Qualification requirements attached with Technical Bid:-</p> <p><b>1. Company /Bidder Profile:</b></p> <ol style="list-style-type: none"> <li>Experience in the relevant field minimum 3 Years</li> <li>Name of owner/proprietor</li> <li>Copy of CNIC</li> <li>Date of Establishment, Age of Firm</li> <li>Copy of NTN and Sales Tax Registration</li> <li>Copy of Professional Tax</li> <li>Affidavit (Submission of undertaking on legal valid stamp paper (valuing Rs.100/-) that the firm not blacklisted by any of Provincial or Federal Government Department, Agency, Organization or autonomous body or private Sector Organization anywhere in Pakistan</li> </ol>

<b>ITB 16.1</b>	Bid validity period. <b>90 Days</b>
<b>ITB 17.1</b>	Bid: <b>Single Stage (one envelop procedure)</b>
<b>D-Submission of Bid</b>	
<b>ITB 18.2 (a)</b>	Address for bid submission. <b>Tender Cell, Treasurer's Office, University of Agriculture, Faisalabad</b>
<b>ITB 18.2 (b)</b>	Tender Notice No. <b>6/2022</b>
<b>ITB 19.1</b>	Deadline for bid submission: <b>10.02.2022</b>
<b>E-Bid Evaluation</b>	
<b>ITB 25.1(a)</b>	State Bank or a Commercial Bank to be read as State Bank of Pakistan and National Bank of Pakistan
<b>ITB 25.2</b>	The common base currency is PAK Rupee to be converted as per rate of the bank shown in ITB 25.1(a) of the bid data sheet on the date of opening of the financial bid.
<b>ITB 26.3 (a)(i)</b>	<b>The SCC stipulates the payment schedule offered by the purchaser. If a bid deviates from the schedule then it will be considered as non-responsive.</b>
<b>ITB 26.3 (c)</b>	<b>The bidder will provide the cost of spare parts required to be replaced during whole life of the goods after the expiry of warranty period.</b>
<b>ITB 26.3 (e)</b>	<b>The bidder will provide :-</b> i) Cost of consumables N/A ii) Unit of energy consumption per hour N/A iii) Life cycle of the goods N/A
<b>ITB 26.3 (f)</b>	Performance and productivity of Articles. <b>As per Technical Specification</b>
<b>ITB 26.3 (g)</b>	As per specification.
<b>ITB 27</b>	As per ITB clause 10.2 prior to the award of procurement contract
<b>ITB 33</b>	Subject to PPRA Rule 2014/UAF Procurement Rule 2014, the bidder with the lowest evaluated bid, if not in conflict with any other law, shall be awarded the procurement contract within the original or extended bid validity period after 10 days of announcement of the evaluation report.

## **Section IV.**

### **General Conditions of Contract**

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## General Conditions of Contract

### 1. Definitions

1.1 In this Contract, the following terms shall be interpreted as indicated:

- (a) “The Contract” means the agreement entered into between the Purchaser and the Supplier, as recorded in the Contract Form signed by the parties, or the supply order issued by the purchaser to the supplier, as the case may be, including all attachments and appendices thereto and all documents incorporated by reference therein.
- (b) “The Contract Price” means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
- (c) “The Goods” means all of the equipment, machinery, and/or other materials which the Supplier is required to supply to the Purchaser under the Contract.
- (d) “The Services” means those services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Supplier covered under the Contract.
- (e) “GCC” means the General Conditions of Contract contained in this section.
- (f) “SCC” means the Special Conditions of Contract.
- (g) “The Purchaser” means the organization purchasing the Goods, as mentioned in Bid Data Sheet.
- (h) “The Purchaser’s country” is **Pakistan**.
- (i) “The Supplier” means the individual or firm supplying the Goods and Services under this Contract and **named in Supply Order**.
- (j) “The University” means the **University of Agriculture, Faisalabad**.
- (k) “The Project Site,” where applicable, means the place or places **named in Bid Data Sheet and technical specifications**
- (l) “Day” means calendar day.

- 2. Application**      2.1 These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract.
- 3. Country of Origin**      3.1 All Goods and Services supplied under the Contract shall have their origin in the countries as elaborated in the **Technical Specifications**.
- 3.2 For purposes of this Clause, “origin” means the place where the Goods were mined, grown, or produced, or from which the Services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 3.3 The origin of Goods and Services is distinct from the nationality of the Supplier.
- 4. Standards**      4.1 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods’ country of origin. Such standards shall be the latest issued by the concerned institution.
- 5. Use of Contract Documents and Information; Inspection and Audit by Purchaser**      5.1 The Supplier shall not, without the Purchaser’s prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
- 5.2 The Supplier shall not, without the Purchaser’s prior written consent, make use of any document or information enumerated in GCC Clause 5.1 except for purposes of performing the Contract.
- 5.3 Any document, other than the Contract itself, enumerated in GCC Clause 5.1 shall remain the property of the Purchaser and shall be returned (all copies) to the Purchaser on completion of the Supplier’s performance under the Contract if so required by the Purchaser.
- 5.4 The Supplier shall permit the Purchaser to inspect the Supplier’s accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the Purchaser, if so required by the Purchaser.

- 6. Patent Rights**      6.1 The Supplier shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the Purchaser's country.
- 7. Performance Security**      7.1 Within Seven (07) days from the issuance of acceptance letter from the Purchaser, the successful Bidder shall furnish the performance security in shape of CDR at the discretion of the Purchaser in the amount **specified in SCC**. In case the amount of bid security is equal or greater than the value of the goods to be supplied then the bidder shall not require furnishing the performance security separately, it will be retained or deducted from the bidder's claim on bidder's choice.
- 7.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 7.3 The performance security shall be denominated in the currency of the Contract, or in a freely convertible currency acceptable to the Purchaser and shall be in one of the following forms:
- (a) CDR issued by a reputable bank located in the Purchaser's country or abroad, acceptable to the Purchaser, in the form provided in the bidding documents or another form acceptable to the Purchaser.
- 7.4 The performance security will be discharged by the Purchaser and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless otherwise **specified in SCC**.
- 8. Inspections and Tests**      8.1 The Purchaser or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Purchaser. **SCC** and the Technical Specifications shall specify what inspections and tests the Purchaser requires and where they are to be conducted. The Purchaser shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.
- 8.2 The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery, and/or at the Goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no



charge to the Purchaser.

- 8.3 Should any inspected or tested Goods fail to conform to the Specifications, the Purchaser may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Purchaser.
- 8.4 The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival in the Purchaser's country shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the Purchaser or its representative prior to the Goods' shipment from the country of origin.
- 8.5 Nothing in GCC Clause 8 shall in any way release the Supplier from any warranty or other obligations under this Contract.

## **9. Packing**

- 9.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
- 9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the Purchaser.

## **10. Delivery and Documents**

- 10.1 Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements. The details of shipping and/or other documents to be furnished by the Supplier are specified in SCC.
- 10.2 For purposes of the Contract, "CFR," "CPT", the terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of *Incoterms* published by the International Chamber of Commerce, Paris.
- 10.3 Documents to be submitted by the Supplier are **specified in SCC**.

**11. Insurance**

- 11.1 The Goods supplied under the Contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery in the manner **specified in the SCC**.
- 11.2 Where delivery of the Goods is required by the Purchaser on a CFR or CPT basis, the Purchaser shall arrange and pay for cargo insurance, naming the supplier as beneficiary.

**12. Transportation**

- 12.1 Where the Supplier is required under Contract to deliver the Goods FOB, transport of the Goods, up to and including the point of putting the Goods on board the vessel at the specified port of loading, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price. Where the Supplier is required under the Contract to deliver the Goods FCA, transport of the Goods and delivery into the custody of the carrier at the place named by the Purchaser or other agreed point shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
- 12.2 Where the Supplier is required under Contract to deliver the Goods CFR or CPT, transport of the Goods to the port of destination or such other named place of destination in the Purchaser's country, as shall be specified in the Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
- 12.3 Where the Supplier is required under the Contract to transport the Goods to a specified place of destination within the Purchaser's country, defined as the Project Site, transport to such place of destination in the Purchaser's country, including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price.
- 12.4 Where the Supplier is required under Contract to deliver the Goods CFR or CPT, no restriction shall be placed on the choice of carrier. Where the Supplier is required under Contract (a) to deliver the Goods FOB or FCA, and (b) to arrange on behalf and at the expense of the Purchaser for international transportation on specified carriers or on national flag carriers of the Purchaser's country, the Supplier may arrange for such transportation on alternative carriers if the specified or national flag carriers are not available to transport the Goods within the period(s) specified in the Contract.

**13. Incidental Services**

13.1 The Supplier may be required to provide any or all of the following services, including additional services, if any, **specified in SCC**:

- (a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;
- (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
- (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
- (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
- (e) training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

13.2 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

**14. Spare Parts**

14.1 As **specified in SCC**, the Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

- (a) such spare parts as the Purchaser may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under the Contract; and
- (b) in the event of termination of production of the spare parts:
  - (i) advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and
  - (ii) following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

**15. Warranty**

15.1 The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in

design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Purchaser's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.

- 15.2 This warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless **specified otherwise in SCC.**
- 15.3 The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty.
- 15.4 Upon receipt of such notice, the Supplier shall, within the period specified in notice or in SCC and with all reasonable speed, repair or replace the defective Goods or parts thereof, without costs to the Purchaser.
- 15.5 If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in the notice or in SCC, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

## 16. Payment

- 16.1 The method and conditions of payment to be made to the Supplier under this Contract shall be **specified in SCC.**
- 16.2 The Supplier's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and by documents submitted pursuant to GCC Clause 10, and upon fulfillment of other obligations stipulated in the Contract.
- 16.3 Payments shall be made promptly by the Purchaser, **but in no case later than thirty (30) days** after submission of an invoice or claim by the Supplier.
- 16.4 The currency or currencies in which payment is made to the Supplier under this Contract shall be **specified in SCC** subject to the following general principle: payment will be made in the currency or currencies in which the payment has been requested in the Supplier's bid.
- 16.5 All payments shall be made in the currency or currencies

specified in the SCC pursuant to GCC 16.4.

- 17. Prices** 17.1 Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments **authorized in SCC** or in the Purchaser's request for bid validity extension, as the case may be.
- 18. Change Orders** 18.1 The Purchaser may at any time, by a written order given to the Supplier pursuant to GCC Clause 32, make changes within the general scope of the Contract in any one or more of the following:
- (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
  - (b) the method of shipment or packing;
  - (c) the place of delivery; and/or
  - (d) the Services to be provided by the Supplier.
- 18.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Purchaser's change order.
- 19. Contract Amendments** 19.1 Subject to GCC Clause 18, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.
- 20. Assignment** 20.1 The Supplier shall not assign, in whole or in part, its obligations to perform under this Contract, except with the Purchaser's prior written consent.
- 21. Subcontracts** 21.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under this Contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the Supplier from any liability or obligation under the Contract.
- 21.2 Subcontracts must comply with the provisions of GCC Clause 3.

**22. Delays in the Supplier's Performance**

- 22.1 Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Purchaser in the Schedule of Requirements.
- 22.2 If at any time during performance of the Contract, the Supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Director (DPIC) in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Director (DPIC) shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.
- 22.3 Except as provided under GCC Clause 25, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 23, unless an extension of time is agreed upon pursuant to GCC Clause 22.2 without the application of liquidated damages.

**23. Liquidated Damages**

- 23.1 Subject to GCC Clause 25, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage **specified in SCC**. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC Clause 24.

**24. Termination for Default**

- 24.1 The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate this Contract in whole or in part:
- (a) if the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 22; or
  - (b) if the Supplier fails to perform any other obligation(s) under the Contract.
  - (c) if the Supplier, in the judgment of the Purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this clause:

“corrupt practice” means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.

“fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Purchaser of the benefits of free and open competition.

24.2 In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 24.1, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

## **25. Force Majeure**

25.1 Notwithstanding the provisions of GCC Clauses 22, 23, and 24, the Supplier shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

25.2 For purposes of this clause, “Force Majeure” means an event beyond the control of the Supplier and not involving the Supplier’s fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

25.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

## **26. Termination for Insolvency**

26.1 The Purchaser may at any time terminate the Contract by giving written notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of

action or remedy which has accrued or will accrue thereafter to the Purchaser.

**27. Termination  
for  
Convenience**

27.1 The Purchaser, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

27.2 The Goods that are complete and ready for shipment within thirty (30) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

- (a) to have any portion completed and delivered at the Contract terms and prices; and/or
- (b) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Services and for materials and parts previously procured by the Supplier.

**28. Settlement of  
Disputes**

28.1 If any dispute or difference of any kind whatsoever shall arise between the Purchaser and the Supplier in connection with or arising out of the Contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.

28.2 If the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.

28.2.1 Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.

28.2.2 Arbitration proceedings shall be conducted in accordance with the rules of procedure **specified in the SCC.**

28.3 Notwithstanding any reference to arbitration herein,

- (a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise



agree; and

- (b) the Purchaser shall pay the Supplier any monies due the Supplier.

**29. Limitation of Liability**

29.1 Except in cases of criminal negligence or willful misconduct, and in the case of infringement pursuant to Clause 6,

- (a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and
- (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

**30. Governing Language**

30.1 The Contract shall be written in the language **specified in SCC**. Subject to GCC Clause 31, the version of the Contract written in the specified language shall govern its interpretation. All correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.

**31. Applicable Law**

31.1 The Contract shall be interpreted in accordance with the laws of the Purchaser's country, unless otherwise **specified in SCC**.

**32. Notices**

32.1 Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or facsimile and confirmed in writing to the other party's address **specified in SCC**.

32.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

**33. Taxes and Duties**

33.1 A foreign Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's country and purchaser's country as **specified in SCC**.

33.2 A local Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

## **Section V.**

### **Special Conditions of Contract**

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## SPECIAL CONDITIONS OF CONTRACT

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the GCC is indicated in parentheses.

### 1. Performance Security (GCC Clause 7)

GCC 7.1—

- A. For goods offered from within Pakistan and abroad by the local agent by Pakistan:

the successful Bidder shall furnish the performance security @ 10% for the warranty period of one year of the value of Supply Order or Contract in shape of CDR or any bank instrument except bank guarantee in favour of Director (DPIC), UAF within Seven (07) days from the issuance of acceptance and 10% performance security letters from the Purchaser for permanent equipment. In case the amount of bid security is equal or greater than the value of the performance security, then the bidder shall not require to furnish the performance security separately.

- B. 2% CDR or any bank instrument except bank guarantee in favour of Director (DPIC) already received in lieu of earnest money in case of general type/consumable good(s) will be retained by the office for 3 month from the day of supply of the respective good(s) or fully consumed whichever is earlier.

### 2. Inspection and Tests (GCC Clause 8)

GCC 8.1- By the concerned purchaser in accordance with the specifications or samples or both as required.

3. The representative of the firm(s) shall present the Authority Letter from the respective firm in the tender opening meetings with them, failing which he will not allowed to sit in the said meeting

### 4. Warranty (GCC Clause 15)

GCC15.2&15.4: One year free of cost labour and material etc. at site from the date of commissioning of goods.

### 5. Bid Prices (11.2 ITB)

- a). **for goods offered from within Pakistan;**

the price shall be quoted on FOR UAF basis. (FOR means the price of goods quoted by the bidder shall be inclusive of all costs, expenses, charges, duties and taxes etc. whatsoever incidental to their delivery, installation and commissioning as the case may be at UAF site).

- b) **If the firm quoted the rates on CFR/CPT basis, the firm is bound to quote the FOR prices also**

- c) **for goods offered from abroad by the LOCAL AGENT:**

the price shall be quoted Cost and Freight (CFR), Carriage Paid to (Duty Paid) (CPT) Karachi seaport or Lahore/Faisalabad airport Pakistan, as the case may be. The bidder shall also add all cost expenses, charges, duties and taxes etc. whatsoever expect customs, incidental to delivery installation/commissioning of goods from the port of destination to UAF site. The bidder, in quoting the price, shall be free to use transportation in abroad except transit and means of transport through/of Israel. The LC at sight, as on Usance basis and Advance Payment will be governed as per following: -

**i. LC AT SIGHT**

The bidder shall provide Performa Invoice of principal on CPT/CFR basis as per supply order along with Insurance / Cover Note and CDR **within fortnight** in favor of Director (DPIC) as security equal to 100% amount of the goods to initiate the LC at sight.

**ii. LC ON USANCE BASIS**

In case the bidder, is unable to provide CDR in favor of Director (DPIC) as security equal to 100% amount of the goods to be imported, may chose this option and shall provide Performa Invoice of principal on CPT/CFR basis as per supply order along with Insurance / Cover Note **within fortnight** to initiate the LC on usance basis (minimum usance period 60 days from the date of Airway Bill **OR** 90 days from the date of Bill of Lading).

**iii. ADVANCE PAYMENT**

The bidder shall provide Performa Invoice of principal on CPT/CFR basis as per supply order along with Insurance / Cover Note and CDR **within fortnight** in favor of Director (DPIC) as security equal to 100% amount of the goods to be imported to proceed for advance payment to the exporter. However, this option will be had where the value of the goods to be imported is up to US \$ 10,000 or varied in accordance with the instructions of the State Bank of Pakistan and Pakistan Customs issued from time to time and remittance will also be made accordingly.

**iv. OPEN ACCOUNT**

In case the bidder has not opted for import through LC (at sight or Usance basis or advance payment) may opt this option and shall provide Performa Invoice of principal on CPT/CFR basis as per supply order **within fortnight**. However, remittance will be made maximum up to six months from the date of filing of Goods Declaration (GD) form or otherwise as per Foreign Exchange Manual of State Bank of Pakistan and Pakistan Customs or instruction issued in this regard from time to time.

**v. CONTRACT / COLLECTION**

In case the bidder has not opted the options referred to “i to iv” above and may opt for this option. The bidder shall provide Performa Invoice of principal on CPT/CFR basis as per supply order **within fortnight**. The minimum period for remittance will be 60 days from the date of Airway Bill **OR** 90 days from the date of Bill of Lading. However, remittance will be made as per Foreign Exchange Manual of State Bank of Pakistan and Pakistan Customs or instruction issued in this regard from time to time.

**vi. INCIDENTAL CHARGES FOR IMPORT OF GOODS:**

All charges (Inside/outside Pakistan) like insurance, LC/bank and clearance of consignment from port/custom authorities will be borne by the bidder.

**vii. RELEASE OF CDR**

In case of LC at sight and advance payment to exporter, the CDR equal to 100% amount of the shipment as security will be released by Director (DPIC) after receiving of satisfactory inspection/installation/ commissioning report from convener tender committee concerned.

**viii. INITIATION OF REMITTANCE TO THE EXPORTER**

In case of LC on usance basis, import on Open Account and Contract / Collection basis, the Director (DPIC) will initiate remittance through the concern bank to the exporter after receiving the satisfactory inspection/installation/commissioning report from the purchaser or the convener tender committee as the case may be.

**DELIVERY PERIOD**

After receiving the transmitted LC (at sight OR Usance Basis) OR swift acknowledgment against advance payment / proof of advance payment OR supply order on “Open Account” or “Contract / Collection” basis, the local supplier is responsible to provide complete set of shipping documents [i.e. Airway Bill/Seaway Bill/Bill of Lading, Commercial Invoice, Packing List, Country of Origin Certificate and any other document(s) related to shipment (if required) along with detail of bidder’s clearing agent for issuance of authority letter for clearance of consignment from port / custom authorities] ***within 6 weeks from the date of opening of LC (at sight or***

*usage basis), advance payment and date of supply order for import of goods on “Open Account” or “Contract / Collection” basis. Moreover, after clearance of consignment by bidder from port / custom authorities, will deliver the consignment to the purchaser along with complete set of post shipment documents within 05 days from the date of Authority Letter.* After expiry of the requisite period, firm will require to apply for extension in delivery period. However, after due scrutiny the Committee may extend the delivery period with liquidated damages as per applicable rate if the delay is on part of the bidder or without liquidated damages if the delay is on the part of the procuring agency or due to “force majeure”.

**NOTE:**  
In case of late submission of Proforma Invoice, shipping documents and delivery of goods, difference of exchange rate on higher side as well as liquidated damages shall be recovered out of belongings of the bidders @ 0.67% of the value of the goods up to maximum 10% of the value of goods.

6. **Payment (GCC Clause 10& 16)**

The following documents to attached with invoice in addition all other documents:

- 1. Attested bill of entry will be provided in case of imported books.
- 2. Invoice of purchased books (photocopy) will be provided.
- 3. Publication year of the required book should be same as mentioned in the list.
- 4. Certificate of company attested i.e. Sale is made of imported items. The goods are sold in the same condition, as they were imported paid tax at import stage.

7. **Prices (GCC Clause 17)**

GCC17.1: The successful bidder(s) shall provide the price reasonability certificate to the effect that the rates quoted are reasonable in accordance with the market. If it is found at any stage, the quoted rates are higher than the market ones or the item(s) have been provided to any other Institute/Department etc at less rates than the quoted ones. The firm undertakes to refund the difference amount to the purchaser on demand.

8. **Change Orders (GCC Clause 18)**

Not applicable

9. **Liquidated Damages (GCC Clause 23)**

GCC 23.1—Applicable rate:  
The liquidated damages, if imposed, will be recovered at the rate of upto0.67% of the value of goods supplied/installed/commission late per day or a part of a period exceeding the original delivery period, subject to the provision that the total liquidated damages thus imposed will not exceed 10% of the total value of the goods delivered/installed/commission late.

10. **Settlement of Disputes (GCC Clause 28)**

The settlement of dispute will be settled in accordance with mechanism for redresal of grievances and settlement of dispute as specified below:-

Complaints of bidder/contractor shall be disposed/settled by a committee and arbitration prior to the entry into force and after into force of procurement contract respectively. Accordingly, grievances committee with powers and terms of reference and method of arbitration are as under:-

A. **Grievances Committee:**

The committee comprises the following to address the complaints of the bidders prior to entry into force of the procurement contract:-

- |      |  |             |
|------|--|-------------|
| i.   | The Treasurer  | (Convener)  |
| ii.  | Muhammad Umar Farooq, Librarian<br>Department of Library | (Member)    |
| iii. | Resident Auditor or the Technical Expert(s) not          | (Member)    |
| iv.  | The Director (DPIC)                                      | (Secretary) |

Any bidder feeling aggrieved by any act of the procuring agency after the submission of his bid may lodge a written complaint concerning his grievances not later than 10 days after the announcement of the bid evaluation report under rule 37 of the UAF Procurement Rules 2014.

The committee shall address the complaints of bidders that may occur prior to the entry into force of the procurement contract. The committee shall investigate and decide upon the complaint within fifteen days of the receipt of the complaint. Mere fact of lodging of a complaint shall not warrant suspension of the procurement process.

Any bidder not satisfied with the decision of the committee may lodge an appeal in the relevant court of jurisdiction.

#### **B. Arbitration:**

After coming into force of the procurement contract, all matters of dispute or difference except regarding rejection of goods by the Inspector under GCC clause 8 (Standard Bidding Document) or cancellation of the contract by the Purchaser, under GCC Clause 24 and 27 (Standard Bidding Document) arising out of the agreement between the parties thereto, the settlement of which is not otherwise specially provided for in contract agreement, shall be referred to arbitration as under:-

##### **(a) Foreign Currency Contracts (CFR/CPT, etc.) made directly with Foreign Principal / Manufacturer**

i. The dispute shall be referred for adjudication to two arbitrators one to be nominated by each party, who before entering upon the reference shall appoint an umpire by mutual agreement, and if they do not agree, a judge of the Superior Court will be requested to appoint the umpire. The arbitration proceedings shall be held in Pakistan and under Pakistan Law.

ii. The venue of arbitration shall be the place from which the contract is issued or such other places as the Purchaser at his discretion may determine.

iii. Arbitration award so given will be firm and final.

##### **(b) Indigenous (FOR) contracts**

The settlement of dispute, if not otherwise especially provided for in the contract shall be referred for the decision of Vice Chancellor, University of Agriculture, Faisalabad. His decision shall be final and binding on both the parties. The work under the contract shall if reasonably possible continue, under the proceedings before the Vice Chancellor and no account of such proceeding unless they are subject of the dispute.

Note:

- The arbitration award shall be recorded in writing.
- CFR/CPT, etc., contracts made through local agents would be dealt under sub para-B (b) above.

##### **(c) Prior Notice for arbitration:**

If the supplier intends to go for arbitration, he shall have to give 30 days notice in writing informing the purchaser of his intention to refer to the points of differences or dispute of arbitration. He shall have to define clearly the point of difference and or dispute in his notice.

#### **C. Court Jurisdiction**

Only the Courts at Faisalabad shall have exclusive jurisdiction to adjudicate upon any “lis” brought by either of the parties in relation to the contract.’

#### **11. Applicable Law (GCC Clause 31)**

GCC 31.1—UAF Procurement Rules 2014 and Laws governing in Pakistan

#### **12. Notices (GCC Clause 32)**

GCC 32.1: The Supplier shall provide address for notice purposes:

#### **13. Taxes and Duties (GCC Clause 33)**

#### **14. Stamp Act**

In accordance with the Stamp Act 1899 amended from time to time.

Section VI.

Schedule of Requirements



Schedule of Requirements

Number                      Description                      Quantity                      Delivery schedule:  
Supply within 8 weeks

HEC LIBRARY SUPPORT PROGRAM, 2021-22				
NO.	TITLE	AUTHOR	YEAR	Estimated PRICE
1.	25 MINUTE MEETING : HALF THE TIME DOUBLE THE IMPACT	McGeorge	2018	1819.81
2.	30-SECOND ZOOLOGY THE 50 MOST FUNDAMENTAL CATEGORIES AND CONCEPTS FROM THE STUDY OF ANIMAL LIFE	FELLOWES	2019	3128.22
3.	A GUIDEBOOK TO MECHANISM IN ORGANIC CHEMISTRY FOR THE JEE 6TH ED	Sykes	2017	1331.98
4.	A PRIMER ON PARTIAL LEAST SQUARES STRUCTURAL EQUATION MODELING (PLS-SEM) 2ND ED	HAIR	2019	6935.12
5.	A TEXT BOOK OF BOTANY AND BIODIVERSITY 2ND ED HB	Farrukh Hussain	2020	900.00
6.	A TEXT BOOK OF MACHINE DRAWING	Gill	2017	1107.87
7.	A TEXTBOOK OF ANALYTICAL CHEMISTRY	Chudhary	2019	650.00
8.	A TEXTBOOK OF AUTOMOBILE ENGINEERING	Rajput	2018	1935.05
9.	A TEXTBOOK OF ECONOMIC THEORY 5TH ED	STONIER	2017	1933.03
10.	A TEXTBOOK OF MEDICINAL AND AROMATIC CROPS	Sevi	2017	1912.25
11.	A TEXTBOOK OF ORGANIC CHEMISTRY 22ND ED	BAHL	2018	1914.88
12.	A TEXTBOOK OF THERMAL ENGINEERING (S.I. UNITS)	KHURMI	2016	1813.13
13.	A THEORY OF GLOBAL BIODIVERSITY	WORMALD	2018	7748.29
14.	ACCOUNT CODE (1-4)			2175.00
15.	ACCOUNTING ALL-IN-ONE FOR DUMMIES WITH ONLINE PARACTICE	Boyd	2018	3643.12
16.	ACHIEVING SUSTAINABLE PRODUCTION OF POULTRY MEAT VOLUME 2: BREEDING AND NUTRITION	Todd Applegate	2017	26914.94
17.	ADVANCE BIOINORGANIC CHEMISTRY	Jamaluddin	2017	3831.17
18.	ADVANCED ATOMIC AND MOLECULAR CHEMISTRY (IND/ED)	SAXENA S	2017	2125.32
19.	ADVANCED CALCULUS	Folland	2019	1365.06
20.	ADVANCED CALCULUS 2ND ED.	WIDDER	2018	3589.13
21.	ADVANCED ECONOMIC THEORY MICROECONOMIC ANALYSIS 21ST EDITION	AHUJA	2018	1753.48
22.	ADVANCED INORGANIC CHEMISTRY 6TH ED	COTTON	2019	2194.43
23.	ADVANCED LINEAR ALGEBRA.	WOERDEMAN	2019	7551.16
24.	ADVANCED ORGANIC CHEMISTRY PART-A: STRUCTURE AND MECHANISMS 5TH/ED	CAREY F A	2007	12374.82
25.	ADVANCED PRACTICAL ORGANIC CHEMISTRY 3RD ED	LEONARD	2017	2105.66
26.	ADVANCED VIBRATION ANALYSIS	KELLY	2017	3214.41
27.	ADVANCES IN NONINVASIVE FOOD ANALYSIS	M. Kashif Iqbal Khan	2019	28778.77
28.	AFTER SHOCK	JHON SCHROETER	-	7362.00
29.	AID, TECHNOLOGY AND DEVELOPMENT HB	Dipak	2017	18316.81
30.	AIR POLLUTION CONTROL TECHNOLOGY HANDBOOK	SCHNELLE	2020	22124.56
31.	ALETHICS	MARK COECKEL BERGH	-	2750.00
32.	AN INTRODUCTION TO ANALYSIS	WADE	2018	1769.01
33.	AN INTRODUCTION TO MECHANICAL ENGINEERING 4E	Wickert	2017	12430.60
34.	AN INTRODUCTION TO TEXTILE COLORATION PRINCIPLES AND PRACTICE	WARDMAN	2018	15196.68
35.	ANIMAL BIOTECHNOLOGY-1: REPRODUCTIVE BIOTECHNOLOGY	NIEMANN H	2018	21503.11
36.	ANIMAL NUTRITION FROM THEORY TO PRACTICE	Hynd	2019	7974.48
37.	APPLIED BIOINFORMATICS STATISTICS	MAHAJAN	2019	3517.91
38.	APPLIED BIOINFORMATICS: AN INTRODUCTION 2ND/ED	SELZER P M	2018	12374.82
39.	APPLIED ECONOMETRICS A PRACTICAL GUIDE	MIN	2018	12718.75
40.	APPLIED LINEAR STATISTICAL MODELS 5TH ED.	KUTNER	2019	1534.58
41.	APPLIED NUMERICAL ANALYSIS 7TH ED	GERALD	2018	1610.23
42.	APPLIED NUMERICAL ANALYSIS: USING MATLAB 2ND/ED (LPE)	Fausett L V	2019	1713.36
43.	APPLIED NUMERICAL METHODS WITH MATLAB FOR ENGINEERS AND SCIENTISTS 3RD ED	CHAPRA	2019	2280.15
44.	APPLIED PARTIAL DIFFERENTIAL EQUATIONS WITH FOURIER SERIES AND BOUNDARY VALUE PROBLEM 4TH ED	Haberman	2019	1610.23
45.	APPLIED SOIL HYDROLOGY	NOVAK	2021	21021.94

46.	APPLIED THERMODYNAMICS FOR ENGINEERING TECHNOLOGISTS 5/E (PB)	Eastop	2018	2197.61
47.	APPLYING ECOSYSTEM AND LANDSCAPE MODELS IN NATURAL RESOURCE MANAGEMENT	Robert E. Keane	2019	15000.00
48.	ARBITRATION ACT, 1940			950.00
49.	ARTIFICIAL INTELLIGENCE FOR MARKETING	Sterne	2017	5772.48
50.	ASSESSMENT IN EARLY CHILDHOOD EDUCATION 7E	Wortham	2018	9790.25
51.	ATLAS OF SMALL ANIMAL ULTRASONOGRAPHY 2/E	Dominique Penninck	2015	27795.86
52.	ATOMIC HABITS	JAMES CLEAR	-	2385.00
53.	AUDIT CORE			15000.00
54.	AUDIT MANUAL (EDN. 1999)			750.00
55.	AUTOMATION, PRODUCTION SYSTEMS AND COMPUTER-INTEGRATED MANUFACTURING 4/E (PB) ASIAN EDITION	Groover	2018	1804.12
56.	B&R DEPARTMENT CODE WITH APPENDICS			8990.52
57.	BASIC ENGINEERING CIRCUIT ANALYSIS	J. David Irwin	2015	2162.06
58.	BASIC ENVIRONMENTAL TECHNOLOGY: WATER SUPPLY WASTE MANAGEMENT 6TH/ED (	NATHANSON J A	2019	1717.11
59.	BASIC ORGANIC CHEMISTRY (IND/ED)	SHARMA G	2018	1941.50
60.	BASIC PROBABILITY THEORY	ASH	2018	3622.19
61.	BEEKEEPING FOR DUMMIES	Blackiston	2017	2796.58
62.	BIOCHEMISTRY 31ST ED.	Harpers	2021	3926.38
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327	LEARNING FROM THE CURSE: SEMBENE'S XALA HB	Richard Fardon, Senga La Rouge	2017	3553.41
328	LESSONS IN ENVIRONMENTAL MICROBIOLOGY	Haug	2019	19810.41
329	LIMITATION ACT, 1908		Latest	2850.00
330	LINEAR ALGEBRA WITH APPLICATIONS 9TH ED	WILLIAMS	2020	12465.40
331	LIPPINCOTT ILLUSTRATED REVIEWS BIOCHEMISTRY SOUTH ASIAN 7TH ED	FERRIER	2018	2905.75
332	MACHINE DESIGN AN INTEGRATED APPROACH 2ND ED	MORTON/Norton	2017	1386.97
333	MACROECONOMIC ESSENTIALS UNDERSTANDING ECONOMICS IN THE NEWS 4TH ED	Kennedy	2017	9384.07
334	MACROECONOMICS	Brue	2018	15000.00
335	MACROECONOMICS 10TH ED	MANKIW	2017	13705.52
336	MACROECONOMICS FOR PROFESSIONALS A GUIDE FOR ANALYSTS AND THOSE WHO NEED TO UNDERSTAND THEM	LIPSCHITZ	2018	6848.40
337	MANAGEMENT	Woods	2017	7205.65
338	MANAGERIAL ECONOMICS 8TH ED	DWIVEDI	2019	1660.94
339	MANAGING TECHNOLOGY AND INNOVATION FOR COMPETITIVE ADVANTAGE	Narayanan	2018	1691.46
340	MANAGING UP: HOW TO MOVE UP WIN AT WORK AND SUCCEED WITH ANY TYPE OF BOSS	Abbajay	2018	2975.26
341	MANUAL OF IRRIGATION PRACTICE (M.I.P.)			900.00
342	MARINE BIOLOGY	ROY	2020	1198.66
343	MARKETING MANAGEMENT AN ASIAN PERSPECTIVE 7TH ED	KOTLER	2018	5883.62
344	MATHEMATICAL MODELING 4/E	Meerschaert	2018	1100.32
345	MEASUREMENT AND INSTRUMENTATION IN ENGINEERING PRINCIPLES AND BASIC LABORATORY EXPERIMENTS	TSE	2019	24441.40
346	MEDICAL BIOCHEMISTRY PREPARATORY MANUAL FOR UNDERGRADUA	Dandekar	2018	1788.57
347	MEDICINAL CHEMISTRY 2ND ED	SRIRAM	2019	32160.82
348	MESOSCOPIC CHEMISTRY	SINGH J	2017	3966.82
349	METABOLISM AT A GLANCE 4/E (PB)	Salway	2017	7159.43
350	MICROECONOMIC THEORY A MATHEMATICAL APPROACH 3RD ED	HENDERSON	2019	2163.94
351	MICROECONOMIC THEORY BASIC PRINCIPLES AND EXTENSIONS 11TH ED	SNYDER	2019	1168.40
352	MICROECONOMICS	Brue	2017	14350.51
353	MICROECONOMICS 8TH ED	PINDYCK	2017	1972.51
354	MODERN PHYSICS	Krane	2017	1914.82
355	MODERN PHYSICS 2ND ED	HARRIS	2017	1991.80
356	MODERN POLAROGRAPHIC METHODS IN ANALYTICAL CHEMISTRY	BOND	2017	7445.91
357	MODERN SOIL MICROBIOLOGY 3RD ED	ELSAS	2019	10020.32
358	MOLECULAR BIOLOGY OF THE GENE 7TH ED	Watson	2019	3967.80
359	MONETARY ECONOMICS INSTITUTIONS, THEORY AND POLICY	GUPTA	2018	906.13
360	MONITORING THREATENED SPECIES AND ECOLOGICAL COMMUNITIES	Legge	2018	8448.25
361	MULTIFUNCTIONAL WETLANDS: POLLUTION ABATEMENT AND OTHER ECOLOGICAL SERVICES	NAGABHATLAN	2018	22212.43
362	MUSLIM WOMEN AND GENDER JUSTICE CONCEPTS, SOURCES, AND HISTORIES	OMARI	2020	24035.50



363	MUSLIM WOMEN'S RIGHTS: CONSTESTING LIBERAL-SECULAR SENSIBILITIES IN CANADA HB	Tabassum Fahim Ruby	2019	23075.69
364	NAKED MONEY: A REVEALING LOOK AT OUR FINANCIAL SYSTEM	Charles Wheelan	2017	1915.04
365	NANOTECHNOLOGY A GENTLE INTRODUCTION TO THE NEXT BIG IDEA	Ratner	2018	1543.16
366	NANOTECHNOLOGY DEFENCE APPLICATIONS	Papola	2018	5024.01
367	NANOTECHNOLOGY VOL 2	BRECK	2009	19503.04
368	NATURE AND PROPERTIES OF SOILS 15TH/ED (GLOBAL EDITION), SAB-19, Multi-19	BRADY N C	2017	2902.06
369	NEGOTIABLE INSTRUMENTS AC, 1881		Latest	700.00
370	NEW ISLAMIC LAS (HUDOOD), 1979		Latest	687.50
371	NEXT GENERATION	Ryam.	2018	2597.54
372	NUCLEAR PHYSICS (FOR B.SC. PASS & HONOURS AND M.SC. STUDENTS)	GHOSHAL	2019	1711.38
373	NUCLEAR POWER	BREEZE	2018	8448.29
374	NUMERICAL ANALYSES FOR SCIENTISTS AND ENGINEERS THEORY AND C PROGRAMS	Pal	2018	0
375	NUMERICAL ANALYSIS 9TH ED	BURDEN	2017	1862.69
376	NUMERICAL COMPUTATIONAL METHODS REVISED EDITION	PATIL	2018	1649.10
377	NUMERICAL MATHEMATICS AND COMPUTING 7TH ED	CHENEY	2017	1713.13
378	NUTRITION AND DIETETICS PRACTICE AND FUTURE TRENDS WITH ONLINE ACCESS 5TH ED	WINTERFELD T	2018	7710.18
379	NUTRITION AND FEEDING OF ORGANIC POULTRY 2ND ED, Multi-18	BLAIR	2017	17412.79
380	NUTRITION FOR HEALTH, FITNESS & SUPPORT 11E	Williams	2017	15000.00
381	OBJECTIVE BIOLOGY FOR NEET VOL 1 3RD ED	VIJAY	2018	906.13
382	OBJECTIVE CHEMISTRY FOR NEET 2020 VOL 1	SINGHAL	2018	1708.48
383	OBJECTIVE PLANT PATHOLOGY	BHARTI	2019	4429.75
384	ON TIME IN FULL	Mclean	2017	4837.97
385	OPERATIONS MANAGEMENT IN THE SUPPLY CHAIN DECISIONS AND CASES 6TH ED	SCHROEDER	2018	3013.05
386	OPERATIONS MANAGEMENT SUSTAINABILITY AND SUPPLY CHAIN MANAGEMENT 12TH ED	HEIZER	2017	2192.22
387	OPERATIONS RESEARCH (IND/ED)	MOTE V L	2018	2159.06
388	ORGANIC CHEMISTRY (IND/ED)	SETHI P	2017	2712.32
389	ORGANIC CHEMISTRY 7TH ED	BRUICE	2017	2968.51
390	ORGANIC CHEMISTRY 7TH ED	MORRISON	2019	1997.61
391	ORGANIC CHEMISTRY 9TH/ED	WADE L G	2020	2136.31
392	ORGANIC CHEMISTRY FOR JOINT ENTRANCE EXAMINATION JEE (ADVANCED) 2ND ED IN TWO COLOR PART 2	VERMA	2018	2115.75
393	ORGANIC CHEMISTRY VOL 1 6TH ED	Finar	2018	2915.48
394	ORGANIC SPECTROSCOPY (IND/ED)	SINGH A	2017	2905.82
395	ORGANIC SYNTHESIS THROUGH DISCONNECTION APPROACH 2ND REVISED ED	KALSI	2018	957.44
396	ORGANIC SYNTHESIS: STRATEGY AND CONTROL (IND/ED)	WYATT P	2013	2999.32
397	ORGANISATIONAL BEHAVIOUR CORE CONCEPTS AND APPLICATION 3/ED	Wood,M	2018	5465.99
398	ORGANIZATIONAL BEHAVIOR IMPROVING PERFORMANCE AND COMMITMENT IN THE WORKPLACE 5E HB	Colquitt	2017	18886.35
399	OXFORD TEXTBOOK OF MEDICINE 4 VOLS SET WITH ONLINE ACCESS 6TH ED	FIRTH	2018	89021.63
400	PAKISTAN ECONOMIC SURVEY 2019-2020 (GOVT. PUBLICATION NO DISCOUNT)	D D G PAKISTAN	2017	1900.00
401	PAKISTAN PENAL CODE, 1860		Latest	950.00
402	PAKISTAN THE ECONOMY OF AN ELITIST STATE 2ND ED	HUSAIN	2019	971.25
403	PAKISTAN'S AGENDA FOR ECONOMIC REFORMS.	AHMED	2019	971.25
404	PARTNERSHIP ACT, 1932		Latest	762.50
405	PATTERNMAKING FOR FASHION DESIGN 5E	Helen J. Ammstrong, Joseph	2019	2154.95
406	PAYMENT OF WAGES ACT, 1936	Nisar Ahmad	Latest	587.50
407	PEDIATRIC FOOD PREFERENCES AND EATING BEHAVIORS	LUMENG	2017	23367.25

408	PERFORMANCE OF HOME TEXTILES 2ND ED	DAS	2018	7182.32
409	PERICYCLIC REACTIONS	MATHUR N	2018	3916.16
410	PERSONALITY AT WORK : THE DRIVERS AND DERAILERS OF LEADERSHIP	Warren	2017	2984.17
411	PERSPECTIVES IN NUTRITION: UPDATED WITH 2015-2020 DIETARY GUIDELINES FOR AMERICANS 10TH ED HB 9781259918377	Wardlaws Bredbenner	2020	22497.63
412	PHYSICAL CHEMISTRY 3RD ED	ENGEL	2020	2865.26
413	PHYSICAL CHEMISTRY 4TH ED	SILBEY	2019	1729.53
414	PHYSICAL CHEMISTRY THERMODYNAMICS, STATISTICAL MECHANICS, AND KINETICS.	COOKSY	2018	1795.40
415	PHYSICS 5TH ED VOL. 1	RESNICK	2016	1972.51
416	PHYSICS OF SEMICONDUCTOR DEVICES UPDATED ED	SHUR	2018	1910.23
417	PHYSIOLOGY 24TH ED.	Ganongs	2016	15000.00
418	PLANT BIOTECHNOLOGY AND GENETIC ENGINEERING	GOVIL	2017	1409.63
419	PLANT CONSERVATION THE ROLE OF HABITAT RESTORATION	VOLIS	2018	8421.16
420	PLANT PATHOLOGY	SHARMA B	2018	4666.32
421	PLANT PROPAGATION (IND/ED)	Misra K K	2019	15000.00
422	PLANT TAXONOMY	SYED RIAZ BAQUA	2019	946.25
423	POLICE ORDER, 2002		Latest	1625.00
424	POLLUTION CONTROL IN TEXTILE INDUSTRY	BHATIA	2019	7445.91
425	POLYMER CHEMISTRY	Hermant	2018	5428.41
426	POLYMERS FOR FOOD APPLICATIONS	GUTIERREZ T J	2018	28669.07
427	PORTIONING, DEBONING AND FRESH MEAT COMPOSITION	SINHA	2019	4823.16
428	POWER OF PRESENCE	Hedges	2017	2110.58
429	PRACTICAL PHYSICAL CHEMISTRY	VISWANATHA N	2019	1198.66
430	PRACTICING THE ART OF LEADERSHIP 5TH ED PB	Green	2017	7837.07
431	PRINCIPLES AND PROBLEMS OF BOTANY	Bhattacharya	2018	962.04
432	PRINCIPLES OF BIOCHEMISTRY 5TH ED	Aneja	2017	51187.50
433	PRINCIPLES OF CATTLE PRODUCTION 3RD ED, Pak-18, Multi-18	PHILLIPS	2019	8676.58
434	PRINCIPLES OF ECONOMICS WITH COURSEMATE ONLINE ACCESS 6TH ED	MANKIW	2017	1650.85
435	PRINCIPLES OF ENGINEERING ECONOMIC ANALYSIS 5TH ED	WHITE	2019	19773.38
436	PRINCIPLES OF INORGANIC CHEMISTRY 3RD/ED (IND/ED)	SODHI G S	2018	1938.32
437	PRINCIPLES OF MACROECONOMICS WITH COURSEMATE ONLINE ACCESS 7TH ED	MANKIW	2018	1913.13
438	PRINCIPLES OF PHYSICAL CHEMISTRY 4TH ED	MARON	2017	1902.16
439	PRINCIPLES OF SEED PATHOLOGY	Kings	2018	2334.12
440	PROBABILITY AND STATISTICS FOR ENGINEERING AND SCIENCES 8TH ED	Devore	2017	25168.11
441	PROVE IT	Barr,S	2017	2993.08
442	PUBLIC FINANCE IN THEORY AND PRACTICE 5TH ED	MUSGRAVE	2018	2163.94
443	PUBLIC SECTOR AUDITING IS IT VALUE FOR MONEY?	BOURN	2019	9052.21
444	PUBLIC WORKS DEPARTMENT CODE (PWD)			950.00
445	PUNJAB AGRICULTURAL INCOME TAX LAW		Latest	950.00
446	PUNJAB BUDGET MANUAL		Latest	900.00
447	PUNJAB CIVIL SERVICE LAWS		2016	950.00
448	PUNJAB CIVIL SERVICE RULES (CS) VOL.1		Latest	900.00
449	PUNJAB CIVIL SERVICE RULES (CS) VOL.11		Latest	975.00
450	PUNJAB COURT OF WARDS ACT 1903 (ENGLISH & URDU)			1100.00
451	PUNJAB FINANCIAL RULES, VOL.1		Latest	950.00
452	PUNJAB FINANCIAL RULES, VOL.2		Latest	900.00
453	PUNJAB GENERAL PROVIDENT FUND RULES, 1978		Latest	950.00
454	PUNJAB LEAVE RULES, 1980		Latest	725.00
455	PUNJAB LEAVE RULES, 1981			800.00

456	PUNJAB LOCAL GOVERNMENT ORDINANCE, 2013		Latest	1125.00
457	PUNJAB MONEY LENDERS ORDIANCE, 1960 (ENGLISH & URDU)		Latest	750.00
458	PUNJAB OFFICE OF THE OMBUDSMAN ACT		Latest	650.00
459	PUNJAB PRE-EMPTION ACT, 1991		Latest	1325.00
460	PUNJAB PURCHASE MANUAL		Latest	850.00
461	PUNJAB RENTED PREMISES ACT, 2009		Latest	800.00
462	PUNJAB TENANCY ACT, 1887		Latest	1305.00
463	PUNJAB TRAVELLING ALLOWANCE RULES		Latest	675.00
464	QANUN-E-SHAHADAT, 1984		Latest	1525.00
465	QUANTITATIVE GENETICS	CABALLERO A	2020	15000.00
466	QUANTUM FIELD THEORY	ITZYKSON	2018	7404.49
467	QUANTUM MECHANICS 3RD ED	MERZBACHE R	2019	1911.98
468	QUANTUM MECHANICS 500 PROBLEMS WITH SOLUTIONS	ARULDHAS	2020	906.13
469	QUANTUM PHYSICS OF ATOMS, MOLECULES, SOLIDS, NUCLEI, AND PARTICLES 2ND ED	EISBERG	2019	1991.54
470	QUANTUM THEORY FROM FIRST PRINCIPLES AN INFORMATIONAL APPROACH	D'ARIANO	2019	7444.43
471	QUINOA BOTANY, PRODUCTION AND USES	MEENA	2017	4833.25
472	RACE AND SEXUALITY	Ortiz	2018	3192.76
473	REAL COMMUNICATION : OW TO BE YOU AND LEAD TRUE	Dolan	2019	3861.58
474	REGISTRATION ACT		Latest	0
475	RESEARCH ANALYTICS A PRACTICAL APPROACH TO DATA ANALYSIS	CHAUHAN	2018	1067.26
476	RESEARCH METHODS FOR ENVIRONMENTAL STUDIES A SOCIAL SCIENCE APPROACH (PB)	Kanazawa	2018	7676.58
477	RESEARCH METHODS THE BASICS	WALLIMAN	2020	3904.95
478	RISK AND UNCERTAINTY ASSESSMENT FOR NATURAL HAZARDS	ROUGIER J	2018	10598.12
479	SALE OF GOODS ACT, 1930		Latest	15000.00
480	SCHAUM'S OUTLINES QUANTUM MECHANICS 2ND ED.	PELEG	2019	2163.94
481	SCHOOLS AND SOCIETY A SOCIOLOGICAL APPROACH TO EDUCATION 6TH ED	BALLANTINE	2019	14088.12
482	SECRETARIAT INSRUCTIONS (FEDERAL)			950.00
483	SELL WITH A STORY	Smith,P	2017	4078.00
484	SELLING TO THE C-SUITE	Read	2018	3057.44
485	SHOPS AND ESTABLISHMENTS ORDINANCE, 1969			950.00
486	SKOOG AND WEST'S FUNDAMENTALS OF ANALYTICAL CHEMISTRY 9TH ED	HOLLER	2018	2715.48
487	SMART TEAMS: HOW TO WORK BETTER TOGETHER	Crowley	2018	2110.90
488	SOCIAL MEDIA CAMPAIGNS	Carolyn Mae Kim	2017	24995.31
489	SOCIAL MEDIA FOR BUSINESS	Coles	2018	2706.45
490	SOCIAL MEDIA MARKETING ALL-IN-ONE FOR DUMMIES	Ng	2017	32165.45
491	SOCIAL SECURITY ORDINANCE, 1965 WITH RULES			1500.00
492	SOIL AND ENVIRONMENTAL ANALYSIS MODERN INSTRUMENTAL TEHNIQUES 3RD ED	SMITH	2013	8051.16
493	SOIL BIOCHEMISTRY	HAIDER	2018	4016.16
494	SOLID STATE CHEMISTRY	Kautilya	2018	15000.00
495	SOLID STATE PHYSICS	ASHCROFT	2018	1962.69
496	SOLOMONS'S ORGANIC CHEMISTRY (GLOBAL EDITION)...IND/ED	SOLOMONS T W G	2017	1978.26
497	SPECIFIC RELIEF ACT, 1877			1300.00
498	SPECTROMETRIC IDENTIFICATION OF ORGANIC COMPOUNDS 8TH ED	SILVERSTEIN	2020	181.63
499	SPENDITUDE	Gordon	2020	2701.99
500	STAMP ACT, 1899		Latest	1300.00
501	STATISTICAL QUALITY CONTROL A MODERN INTRODUCTION 6TH ED	MONTGOMER Y	2020	1771.63

502	STATISTICS ESSENTIALS FOR DUMMIES	Deborah J	2019	1164.50
503	STATISTICS FOR ENGINEERS AND SCIENTISTS 5 <sup>TH</sup> ED.	NAVIDI	2017	8299.18
504	STATISTICS FOR MANAGERS USING MICROSOFT EXCEL 8TH ED	LEVINE	2017	1926.71
505	STRATEGIC INFORMATION TECHNOLOGY BEST PRACTICES TO DRIVE DIGITAL TRANSFORMATION	Langer	2018	5772.48
506	SUCCESSION ACT		Latest	850.000
507	SUPER INTELLIGENCE	NICK BOSTROM	-	5970.00
508	SUPPLY CHAIN MANAGEMENT FOR DUMMIES	Stanton	2018	15000.00
509	SUPPLY CHAIN STRATEGY	Frazelle	2017	7210.43
510	SUSTAINABLE RISK MANAGEMENT	WILDERER P A	2018	22212.43
511	SYSTEMATIC NOMENCLATURE OF ORGANIC CHEMISTRY: A DIRECTORY TO COMPREHENSION AND APPLICATION OF ITS BA	HELLWINKEL D	2001	6186.54
512	TEACHING OF SOCIAL STUDIES	SHARMA	2019	1502.16
513	TERRORISM IN AMERICA PB	Robin Maria Valeri, Kevin Borgeson	2018	8868.54
514	TEXTB OF MEDICAL BIOCHEMISTRY 8TH ED	Chatterjee	2012	2128.65
515	TEXTBOOK OF ANIMAL HUSBANDRY 8TH/ED (IND/ED)	BANERJEE G C	2019	1836.74
516	TEXTBOOK OF BIOCHEMISTRY FOR MEDICAL STUDENTS 9TH ED	Vasudevan	2019	45000.00
517	TEXTBOOK OF BRYOPHYTA	Kushwaha	2017	15000.00
518	TEXTBOOK OF FUNGI AND THEIR ALLIES 2ND ED	SETHI	2018	1902.16
519	TEXTBOOK OF ORGANIC CHEMISTRY	PARASHAR	2018	1900.41
520	TEXTBOOK OF PHYSICS	Sahoo	2019	1701.64
521	TEXTILE AND CLOTHING DESIGN TECHNOLOGY	CASSIDY	2018	9397.88
522	TEXTILE CHEMISTRY	BECHTOLD	2019	13345.48
523	TEXTILE DYEING	MAHAPATRA	2018	6033.66
524	TEXTILE SUBSTRATES-FIBRES, YARN AND FABRIC (IND/ED)	KOLANJIKOM BIL M	2018	9697.82
525	TEXTILES 11TH ED PEARSON NEW INTER. ED	KADOLPH	2019	12423.40
526	TEXTILES AND CLOTHING SUSTAINABLITY IMPLICATIONS IN TEXTILES AND FASHION, SAB-17	MUTHU	2018	15940.38
527	THE ANTIDODE TO SUFFERING	Dempsey	2017	3275.26
528	THE BIG NINE	AMY WEBB	-	3385.00
529	THE BIOLOGY OF REPRODUCTION	FUSCO	2019	7716.76
530	THE CHANGING WORLD ORDER WHY NATIONS SUCCEED & FAIL	RAY DALIO	-	6964.00
531	THE COMPANIES ORDINANCE		Latest	650.00
532	THE ELEGRAPH ACT, 1885		Latest	650.00
533	THE EMBRYOLOGY OF ANGIOSPERMS 6TH ED	BHOJWANI	2017	1104.98
534	THE EXTINCTION MARKET: WILDLIFE TRAFFICKING AND HOW TO COURTER IT PB	Nanda Felbab-Brown	2017	4839.25
535	THE FAMILY 2ND ED	GOODE	2019	9353.06
536	THE FEYNMAN LECTURES ON PHYSICS VOL.2 MAINLY ELECTROMAGNETISM AND MATTER THE NEW MILLENNIUM EDITION	FEYNMAN	2018	1769.88
537	THE FUNDAMENTALS OF EVENT DESIGN PB	Vladimir Antchak	2020	7716.77
538	THE FUTURE OF MANAGEMENT IN AN AI WORLD	JORDI CANALS, FRANZ HENKAMP	-	11104.00
539	THE JOY OF MISIISNG OUT	Brinkmann	2017	1740.18
540	THE LAW OF BRAND STORYTELLING	Walter & Gioglio	2018	2988.63
541	THE MERCK VETERINARY MANUAL 11TH ED, Multi-16	MERCK	2018	10692.48
542	THE NATURE AND PROPERTIES OF SOILS 14TH ED	BRADY	2017	3418.98
543	THE OATHS ACT, 1873 (ENGLISH & URDU)		Latest	1500.00

544	THE PEOPLE AND THE STATE: TWENTY-FIRST CENTURY PROTEST MOVEMENT HB	Thomas O'brien	2018	23075.69
545	THE PHYSICS OF SOUND 3RD ED	BERG	2018	1248.83
546	THE PUNJAB EMPLOYEES EFFICIENCY, DISCIPLINE & ACCOUNTABILITY ACT,		2006	1500.00
547	THE PUNJAB GOVERNMENT RULES OPF BUSINESS		2011	1500.00
548	THE QUR'AN AND THE JUST SOCIETY, Multi-19	HARVEY	2017	5317.43
549	THE RICH GET RICHER AND THE POOR GET PRISON IDEOLOGY, CLASS, AND CRIMINAL JUSTICE 11TH ED	REIMAN	2019	1700.41
550	THE RULES OF BUSINESS, 1973 (FEDERAL)		Latest	1400.00
551	THE SECRET LIFE OF TREES	BUTTERFIELD	2017	2937.53
552	THE TREASURERY & SUBSIDIARY RULES			700.00
553	THE TREASURERY & SUBSIDIARY TREASURY RULES (PUNJAB)		Latest	1100.00
554	THEORIES OF PERSONALITY 11E	Schultz	2017	15000.00
555	THEORY AND PROBLEMS FOR CHEMISTRY OLYMPIAD CHALLENGING CONCEPTS IN CHEMISTRY	NAN	2019	7859.29
556	THERMAL PROTECTIVE CLOTHING FOR FIREFIGHTERS	SONG	2017	33059.73
557	TIETZ FUNDAMENTALS OF CLINICAL CHEMISTRY AND MOLECULAR DIAGNOSTICS 7TH ED	BURTIS	2019	3922.29
558	TITRATION CALORIMETRY: FROM CONCEPT TO APPLICATION	HANSEN L	2018	10510.10
559	TOMORROW WILL BE A GOOD DAY	CAPTAIN TOM MOORE	-	7127.00
560	TRACE ELEMENTS IN SOILS	HOODA, P.S.	2010	23625.00
561	TRAINING INSTRUMENTS IN HRD AND OD 4TH ED	PAREEK	2017	3964.64
562	TRANSFER OF PROPERTY ACT, 1882		Latest	940.00
563	TRANSFORMATIONAL LEADERSHIP AND NOT FOR PROFITS AND SOCIAL ENTERPRISES	Wiltshire	2018	16357.00
564	TREATING ADDICTIONS	Sun	2018	9061.15
565	TREES OF PAKISTAN: THEIR NATURAL HISTORY, CHARACTERISTICS AND UTILIZATION	SYED RIAZ BAQUA	2017	1900.00
566	TRUST ACT		Latest	950.00
567	TRUST FACTOR	Zak	2017	2793.08
568	TURNER AND MCLLWRAITH'S TECHNIQUES IN LARGE ANIMAL SURGERY 4TH ED	HENDRICKSON	2017	18592.22
569	UNDERSTANDING NMR SPECTROSCOPY 2ND/ED (IND/ED)	KEELER J	2018	2912.32
570	UNDERSTANDING NORMAL AND CLINICAL NUTRITION 11TH EDITION	Sharon Rady	2017	1600.00
571	UNIVERSITY CHEMISTRY 4TH ED,	MAHAN	2018	1962.16
572	URBAN PEST CONTROL A PRACTITIONER'S GUIDE	DHANG	2017	3853.60
573	USING R FOR DIGITAL SOIL MAPPING	MALONE	2019	23019.24
574	VALIDATION OF ANALYTICAL METHOD	Shrivastav	2017	680.55
575	VEGETARIAN AND PLANT- BASED DIETS IN HEALTH AND DISEASE PREVENTION HB	Mariotti	2017	28230.33
576	VETERINARY HEMATOLOGY ATLAS OF COMMON DOMESTIC AND NON-DOMESTIC SPECIES 3RD ED	REAGAN	2019	11436.56
577	VETERINARY MEDICINE A TEXTBOOK OF THE DISEASES OF CATTLE, HORSES, SHEEP, PIGS, AND GOATS 2 VOLS SET 11TH ED	CONSTABLE	2015	35147.34
578	VETERINARY REPRODUCTION AND OBSTETRICS 10TH ED,	NOAKES	2020	27184.11
579	VOGEL'S QUALITATIVE INORGANIC ANALYSIS 7TH ED	SVEHLA	2018	1749.71
580	VOGEL'S TEXTBOOK OF PRACTICAL ORGANIC CHEMISTRY 5TH ED	FURNISS	2019	2865.26
581	VOGEL'S TEXTBOOK OF QUANTITATIVE CHEMICAL ANALYSIS 6TH ED	Mendham	2019	2194.36
582	VOGEL'S TEXTBOOK OF QUANTITATIVE CHEMICAL ANALYSIS 6TH/ED (LPE)	MENDHAM J	2019	1500.00
583	W.P. ARMS ORDINANCE, 1965		Latest	1600.00
584	WAFAQI MOHASIB OMBUDSMAN ACT		Latest	940.00
585	WALL STREET MBA, : YOUR PERSONAL CRASH COURSE IN CORPORATE FINANCE	Advani	2018	2884.17
586	WATER RESOURCES ENGINEERING 3E	Mays	2019	1500.00
587	WATER RESOURCES: AN INTEGRATED APPROACH 2ND ED HB	Joseph Holden	2020	8444.43

588	WATER-ENERGY-FOOD NEXUS: HUMAN-ENVIRONMENTAL SECURITY IN THE ASIA-PACIFIC RING OF FIRE	ENDO A	2018	16600.63
589	WEAPONS OF MATH DESTRUCTION	CATHY O'NEIL	-	6964.00
590	WEIGHTS AND MEASURES LAWS			1500.00
591	WELDING 2ND ED	HOFFMAN	2018	1755.82
592	WHAT ANYONE CAN DO	Bottary	2018	2958.22
593	WILDLIFE BIOLOGY AN INDIAN PERSPECTIVE	SAHA	2019	1098.66
594	WILL CHINA'S ECONOMY COLLAGE	Ann Lee	2017	1537.31
595	WILLIAMS BASIC NUTRITION AND DIET THERAPY	Nix	2017	1908.98
596	WILSON AND WALKER'S PRINCIPLES AND TECHNIQUES OF BIOCHEMISTRY AND MOLECULAR BIOLOGY 8TH ED	HOFMANN	2018	2166.19
597	WOMEN, ECONOMICS DEVELOPMENT, AND HIGHER EDUCATION TOOLS IN THE RECONSTRUCTION AND TRANSFORMATION OF POST-APARTHEID SOUTH AFRICA	EYNON	2020	16882.34
598	WORKMEN'S COMPENSATION ACT, 1923	Nisar Ahmad		175.00
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41.	APPLIED NUMERICAL ANALYSIS 7TH ED	GERALD	2018	1610.23

42.	APPLIED NUMERICAL ANALYSIS: USING MATLAB 2ND/ED (LPE)	Fausett L V	2019	1713.36
43.	APPLIED NUMERICAL METHODS WITH MATLAB FOR ENGINEERS AND SCIENTISTS 3RD ED	CHAPRA	2019	2280.15
44.	APPLIED PARTIAL DIFFERENTIAL EQUATIONS WITH FOURIER SERIES AND BOUNDARY VALUE PROBLEM 4TH ED	Haberman	2019	1610.23
45.	APPLIED SOIL HYDROLOGY	NOVAK	2021	21021.94
46.	APPLIED THERMODYNAMICS FOR ENGINEERING TECHNOLOGISTS 5/E (PB)	Eastop	2018	2197.61
47.	APPLYING ECOSYSTEM AND LANDSCAPE MODELS IN NATURAL RESOURCE MANAGEMENT	Robert E. Keane	2019	15000.00
48.	ARBITRATION ACT, 1940			950.00
49.	ARTIFICIAL INTELLIGENCE FOR MARKETING	Sterne	2017	5772.48
50.	ASSESSMENT IN EARLY CHILDHOOD EDUCATION 7E	Wortham	2018	9790.25
51.	ATLAS OF SMALL ANIMAL ULTRASONOGRAPHY 2/E	Dominique Penninck	2015	27795.86
52.	ATOMIC HABITS	JAMES CLEAR	-	2385.00
53.	AUDIT CORE			15000.00
54.	AUDIT MANUAL (EDN. 1999)			750.00
55.	AUTOMATION, PRODUCTION SYSTEMS AND COMPUTER-INTEGRATED MANUFACTURING 4/E (PB) ASIAN EDITION	Groover	2018	1804.12
56.	B&R DEPARTMENT CODE WITH APPENDICS			8990.52
57.	BASIC ENGINEERING CIRCUIT ANALYSIS	J. David Irwin	2015	2162.06
58.	BASIC ENVIRONMENTAL TECHNOLOGY: WATER SUPPLY WASTE MANAGEMENT 6TH/ED (	NATHANSON J A	2019	1717.11
59.	BASIC ORGANIC CHEMISTRY (IND/ED)	SHARMA G	2018	1941.50
60.	BASIC PROBABILITY THEORY	ASH	2018	3622.19
61.	BEEKEEPING FOR DUMMIES	Blackiston	2017	2796.58
62.	BIOCHEMISTRY 31ST ED.	Harpers	2021	3926.38
63.	BIOCHEMISTRY 5TH ED.	Satyanarayan	2017	16122.00
64.	BIOCHEMISTRY 8TH ED.	Chatterjee	2013	15000.00
65.	BIOCHEMISTRY: LIPPINCOTT ILLUSTRATED REVIEWS 7TH/ED (INCLUDES ONLINE A	FERRIER D R	2017	15000.00
66.	BIODIVERSITY PERCEPTION, PERIL AND PRESERVATION 2ND ED	MAITI	2019	1609.63
67.	BIOLOGICAL ANTHROPOLOGY: THE NATURAL HISTORY OF HUMANKIND 4TH/ED (LPE)	Stanford C	2018	1874.04
68.	BIOLOGY OF FISHES 3RD ED.	Bone, Q.	2020	15000.00
69.	BIOLOGY OF NON-CHORDATES 2ND ED	MANDAL	2018	1711.38
70.	BIOLOGY OF REPRODUCTION	FUSCO G	2019	15000.00
71.	BIOLOGY: A GUIDE TO THE NATURAL WORLD 5TH/ED (LPE)	KROGH D	2017	1862.16
72.	BIOMACROMOLECULAR MASS SPECTROMETRY	MALLAM J R	2019	3979.75
73.	BIOMASS TO RENEWABLE ENERGY PROCESSES 2E HB	Cheng	2018	21557.78
74.	BIOSPHERE: FORMS AND FUNCTIONS	PRASAD P K	2018	2999.32
75.	BIOSTATISTICS FOR ANIMAL SCIENCE 3/E	Kaps M	2017	8774.48
76.	BIOTECHNOLOGY, PLANT PROPAGATION AND PLANT BREEDING	KUMAR S	2017	4666.82
77.	BLACK WOMEN'S LIBERATORY PEDAGOGIES RESISTANCE TRANSFORMATION AND HEALING WITHIN AND BEYOND THE ACADEMY	PERLOW	2019	16117.44
78.	BLACKWELL'S 5-MINUTE VETERINARY CONSULT CLINICAL COMPANION: CANINE AND FELINE BEHAVIOR 2ND/ED	Horwitz D F	2018	17763.94

79.	BLUEPRINT TO BUSINESS	Alden	2017	2801.99
80.	BRAINS, MEDIA AND POLITICS: GENERATING NEOLIBERAL SUBJECTS HB	Rodolfo Leyva	2020	22075.69
81.	BRILLIANT COACHING 3E	Starr	2017	2837.53
82.	BRILLIANT PERSUASION PB	Young	2017	2893.59
83.	BULLETPROOF PROBLEM SOLVING	Mclean	2018	3261.58
84.	BUSINESS MODEL INNOVATION: CONCEPTS, ANALYSIS, AND CASES 2ND ED PB	Allan Afuah	2019	14859.57
85.	CAGED WOMEN: INCARCERATION, REPRESENTATION, & MEDIA PB	Shirley Jackson	2018	6756.96
86.	CALCULUS AND ITS APPLICATIONS 13TH/ED (LPE)	Goldstein L J	2018	1904.11
87.	CAMPBELL BIOLOGY IN FOCUS 2E	Urry	2017	6756.96
88.	CAN I HAVE YOUR ATTENTION?	Jonathan Mckee	2017	3288.63
89.	CANAL & DRAINAGE ACT, 1873			2175.00
90.	CARBON MATERIALS SCIENCE AND APPLICATIONS	CHUNG	2017	8157.52
91.	CATEGORICAL STATISTICS FOR COMMUNICATION RESEARCH	Denham	2017	6735.33
92.	CERTIFIED SIX SIGMA BLACK BELT HANDBOOK 3RD/ED (INCLUDES CD-ROM)...LPE	KUBIAK T M	2018	1923.46
93.	CHEMICAL COMMUNICATION: LANGUAGE OF CHEMISTRY (IND/ED)	JAIN S K	2018	697.97
94.	CHEMICAL KINETICS 3RD ED	LAIDLER	2019	1786.97
95.	CHEMISTRY 6TH ED	MCMURRY	2019	2784.61
96.	CHEMISTRY OF NATURAL PRODUCTS REVISED ED	BHAT	2018	3930.63
97.	CHEMISTRY OF NATURAL PRODUCTS VOL. 2	KAR	2019	1459.19
98.	CHEMISTRY WORKBOOK FOR DUMMIES	Hren	2017	2109.95
99.	CHEMISTRY: INTRODUCTION TO GENERAL, ORGANIC, BIOLOGICAL 12TH ED	TIMBERLAKE	2015	8813.80
100.	CHINA'S GLOBAL REBALANCING AND THE NEW SILK ROAD	Deepak	2018	13250.49
101.	CHRISTENSEN'S PHYSICS OF DIAGNOSTIC RADIOLOGY SOUTH ASIAN 4TH ED	CURRY	2019	3225.38
102.	CITIZENSHIP IN A GLOBALIZING WORLD	ACHARYA	2019	903.23
103.	CIVIL COURTS ORDINANCE, 1962		Latest	900.00
104.	CIVIL PROCEDURE CODE, 1898		Latest	900.00
105.	CLARITY FIRST : HOW SMART LEADERS AND ORGANIZATIONS ACHIEVE OUTSTANDING PERFORMANCE	Martin	2018	3944.08
106.	CLASSICAL ELECTRODYNAMICS	Puri	2017	2119.32
107.	CLINICAL BIOCHEMISTRY AN ILLUSTRATED COLOUR TEXT WITH ONLINE ACCESS 6TH ED	MURPHY	2018	7954.26
108.	CLINICAL CHEMISTRY 9TH/ED (INCLUDES ONLINE ACCESS)...IE	MARSHALL W J	2021	5441.40
109.	CLINICAL CHEMISTRY PRINCIPLES TECHNIQUES AND CORRELATIONS 8/E	Bishop	2017	2945.50
110.	CLINICAL CHEMISTRY WITH STUDENT CONSULT ONLINE 8TH ED	MARSHALL	2015	6963.11
111.	CLOUD COMPUTING A PRACTICAL APPROACH	VELTE	2017	1914.82
112.	COAL	Thurber	2019	3074.84
113.	COLLECTIVE CAPACITY BUILDING SHAPING EDUCATION AND COMMUNICATION IN KNOWLEDGE SOCIETY	SAVA	2018	8492.05
114.	COLLINS FRENCH SCHOOL DICTIONARY	COLLINS	2019	762.01
115.	COLONIZATION OF GOVT. LAND PUNJAB ACT, 1912		Latest	3500.00
116.	COLOR ATLAS OF MEDICAL BACTERIOLOGY 3RD ED	MAZA	2019	3123.00
117.	COLOR ATLAS OF SMALL ANIMAL DERMATOLOGY	Wilkinson	2016	15092.05
118.	COMMUNICATING ACROSS CULTURES AT WORK 4TH ED	GUIRDHAM	2017	15000.00
119.	COMMUNICATING IN GROUPS APPLICATIONS AND	Adams,K	2018	21013.46

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120	COMMUNICATION CLINIC : 99 PROVEN CURES FOR THE MOST COMMON BUSINESS MISTAKES	Pachter	2017	2110.90
121	COMMUNICATION PRINCIPLES FOR A LIFETIME 6TH ED	BEEBE	2015	1477.99
122	COMPENDIUM OF PENSION RULES (PUNJAB)			1525.00
123	COMPLEX ANALYSIS 3RD ED	ZILL	2017	2105.66
124	COMPLEX ANALYSIS THE ARGUMENT PRINCIPLES IN ANALYSIS AND TOPOLOGY	BEARDON	2020	2827.50
125	COMPTING IN THE AGE OF AL	MACRO LANSITI KARIM R.LAKHANI	-	5771.00
126	COMPUTER VISION-BASED AGRICULTURE ENGINEERING HB	Han Zhongzhi	2020	21428.40
127	CONCEPTS OF GENETICS 10TH ED (INDIAN)	Klug	2018	1717.31
128	CONCEPTS OF MODERN PHYSICS 7TH ED	BEISER	2017	1981.92
129	CONCEPTUAL PHYSICS 12TH ED	HEWITT	2019	1953.20
130	CONFIDENCE POCKET BOOK : LITTLE EXERCISES FOR A SELF-ASSURED LIFE	Hasson	2017	1937.63
131	CONSTITUTION OF PAKISTAN, 1973 (UP-TO-DATE) EDN, WITH COMMENTARY)	M. Rafiq Butt	2016	1300.00
132	CONSUMER BEHAVIOR BUYING, HAVING, AND BEING 11TH ED	SOLOMON	2019	1665.61
133	CONTEMPORARY MACROECONOMICS THEORY AND POLICY 2ND ED	JHA	2019	2113.73
134	CONTEMPORARY MANAGEMNT 10/ED	Jones	2018	9939.44
135	CONTRAC ACT, 1872		Lates t	950.00
136	CONTROL OF ARCOTIC SUBSTANCES ACT, 1997 WITH ANTI-TERRORISM ACT, 1997		Lates t	2175.00
137	CONTROL SYSTEMS IN TEXTILE MACHINES	NAGARAJA N	2017	8454.66
138	COOPER AND GUNN'S DISPENSING FOR PHARMACEUTICAL STUDENTS 12TH ED	CARTER	2019	1919.41
139	COURT-FEES ACT, 1870		Lates t	925.00
140	CRAIG'S SOIL MECHANICS 9TH ED	Knappett	2020	5883.62
141	CRIMINAL PROCEDURE CODE, 1898		Lates t	900.00
142	CRITICAL THINKING	JONATHAN	-	4181.00
143	CRITICAL THINKING 12E	Moore	2017	13932.75
144	CRYPTOCURRENCY INVESTING FOR DUMMIES	Danial	2019	2978.76
145	CULTURE FIX- HOW A CREATE A GREAT PLACE TO WORK	Ellis	2019	2406.45
146	DATA ANALYTICS USING R	ACHARYA	2019	1883.69
147	DATA DRIVEN	Chavez	2019	2975.26
148	DATA MINING TECHNIQUES AND APPLICATIONS AN INTRODUCTION	Du	2019	1158.31
149	DESTRUCTIVE AND USEFUL INSECTS (IND/ED)	METCALF C L	2018	16696.32
150	DEVELOPING LEADERSHIP EXCELLENCE	Harris	2018	5221.90
151	DEVELOPMENT ECONOMICS A CRITICAL INTRODUCTION	KHAN	2018	7444.43
152	DIFFERENTIAL EQUATIONS 3E	Bronson	2017	2729.27
153	DIGITAL IMAGE PROCESSING 4TH ED	Rafael C.	2020	39384.38
154	DIGITAL IMAGE PROCESSING 4TH/ED (LPE)	GONZALEZ R C	2020	2627.18
155	DIGITAL MARKETING FOR DUMMIES 2ND ED	DEISS	2018	3265.40
156	DISCOVERING COMPUTERS 2016 TOOLS, APPS, DEVICES, AND THE IMPACT OF TECHNOLOGY	VERMAAT	2016	1709.37
157	DISCRETE AND COMBINATORIAL MATHEMATICS AN APPLIED INTRODUCTION 5TH ED	GRIMALDI	2019	2197.61

158	DISCRETE MATHEMATICS	Ram	2019	1530.23
159	DISCRETE MATHEMATICS 5TH/ED (WITH SOLVED QUESTION PAPERS)...LPE)	DAS S	2018	988.16
160	DISCRETE MATHEMATICS 7TH ED	Johnsonbaugh	2017	2155.66
161	DISCIPLINED ENTREPRENEURSHIP	Aulet	2017	2975.26
162	DO GOOD	Bahr	2017	2970.40
163	EASEMENT ACT			650.00
164	ECONOMETRIC ANALYSIS 8TH ED, Prog.17	Greene	2018	2507.41
165	ECONOMIC TEACHINGS OF PROPHET MUHAMMAD (MAY PEACE BE UPON HIM) A SELECT ANTHOLOGY OF HADITH LITERATURE ON ECONOMICS	KHAN	2019	800.00
166	ECONOMICS 22ND ED	MCCONNELL	2020	12430.60
167	ECONOMICS OF FARM PRODUCTION AND MANAGEMENT PB	Raju	2017	835.58
168	EDUCATION & SOCIETY PLACES, POLICIES, PROCESSES	BROOKS	2016	5945.92
169	EDUCATIONAL RESEARCH: COMPETENCIES FOR ANALYSIS AND APPLICATIONS 11TH/ED (GLOBAL EDITION)	MILLS G E	2016	10788.16
170	EDUCATIONAL SOCIOLOGY	BHAT	2018	4530.63
171	ELECTROMAGNETIC WAVES AND RADIATING SYSTEMS 2ND ED.	JORDAN	2019	969.01
172	ELECTROMAGNETICS 3RD ED	LAUD	2018	854.81
173	ELECTROMAGNETICS WITH APPLICATIONS 5TH ED	KRAUS	2020	2613.05
174	ELEMENTS OF MODERN MATHEMATICS	MAY	2017	4750.08
175	ELEMENTS OF X-RAY DIFFRACTION 3RD ED.	Cullity	2018	1599.89
176	ELASTICITY THEORY, APPLICATIONS, AND NUMERICS 3RD ED.	SADD	2019	1530.68
177	ELITE MINDS : HOW WINNERS THINK DIFFERENTLY TO CREATE A COMPETITIVE EDGE AND MAXIMIZE SUCCESS	Beecham	2017	2888.63
178	EMERGENT: IGNITE PURPOSE	Johnson	2017	2993.08
179	EMPLOYEE ENGAGEMENT FOR ORGANIZATIONAL CHANGE HB	Julie Hodges	2019	23075.69
180	ENGINEERING ELECTROMAGNETICS 3RD/ED	IDA N	2015	16563.09
181	ENGINEERING FLUID MECHANICS 10TH ED	ELGER	2018	1952.33
182	ENGINEERING MECHANICS IN SI UNITS 5TH ED	TIMOSHENKO	2019	1848.00
183	ENGINEERING PHYSICS (LPE)	SHARMA S	2018	1559.06
184	ENTREPRENEURSHIP 11TH ED	HISRICH	2019	11074.21
185	ENVIRONMENTAL CHEMISTRY (IND/ED)	CHAKROBERTY S	2018	995.08
186	ENVIRONMENTAL CHEMISTRY 9TH MULTICOLOR ED	ANIL	2017	956.56
187	ENVIRONMENTAL ECONOMICS	MANAGI	2019	7835.12
188	ENVIRONMENTAL GEOLOGY 3E PB	Reichard	2018	14412.90
189	ENVIRONMENTAL MANAGEMENT OF AIR, WATER, AGRICULTURE, AND ENERGY	HAGH	2018	18579.10
190	EQUINE REPRODUCTION (2 VOLUMES)	Angus O. McKinnon	2011	49083.02
191	ESSENTIAL OF MARKETING MANAGEMENT	Lester	2017	7397.47
192	ESSENTIAL OF MARKETING RESEARCH	Bush	2017	11357.08
193	ESSENTIAL STATISTICS FOR APPLIED LINGUISTICS: USING R OR JASP 2ND/ED	LOERTS H	2020	6878.31
194	ESSENTIALS OF BIOMEDICAL INSTRUMENTS AND TECHNIQUES,	DATTA	2019	621.92
195	ESSENTIALS OF FOYE'S PRINCIPLES OF MEDICINAL CHEMISTRY 7TH ED.	Lemke	2017	2135.92
196	ESSENTIALS OF GENETICS 9TH/ED (GLOBAL EDITION)	Klug W S	2017	12131.90
197	ESSENTIALS OF LIFE SCIENCE 2ND ED	JIANPING	2018	2707.41
198	ESSENTIALS OF MEDICAL BIOCHEMISTRY 9TH/ED (2 VOLS SET)...(PAKISTANI EDITION)	MUSHTAQ AHMAD	2019	942.50



199	ESSENTIALS OF ORGANIZATIONAL BEHAVIOR 14TH ED	ROBBINS	2019	1165.56
200	ESTA CODE (FEDERAL)		Lates t	2175.00
201	ETHICS IN INFORMATION TECHNOLOGY 5TH ED	REYNOLDS	2019	1660.06
202	EXCUSE ME SURVIVAL GUIDE TO MODERN BUSINESS ETIQUETTE	Thomas	2017	2697.22
203	EXECUTIVE TOUGHNESS	Selk	2018	2110.90
204	EXPERIMENTAL ELECTROCHEMISTRY A LABORATORY TEXTBOOK 2ND COMPLETELY REVISED AND UPDATED EDITION	HOLZE	2019	10692.48
205	EXPERIMENTAL PROCEDURES IN LIFE SCIENCES	RAJAN	2018	1609.63
206	EXPLORING RESEARCH 9TH GLOBAL ED	SALKIND	2020	7141.52
207	F.S.S.R. & II (FEDERAL)		Lates t	1625.00
208	FACEBOOK MARKETING FOR DUMMIES	Diamond	2018	2687.68
209	FASHION A VERY SHORT INTRODUCTION	ARNOLD	2017	1760.81
210	FEAR, SOCIETY, AND THE POLICE	Dale L. June	2020	3775.00
211	FEDERAL CIVIL SERVICES REGULATION			1800.00
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214	FINITE ELEMENT ANALYSIS THEORY AND APPLICATION WITH ANALYSIS 3RD ED	MOAVENI	2019	1704.38
215	FISH AND AQUATIC RESOURCES (IND/ED)	SAKHARE V B	2017	3966.82
216	FISH RESEARCH	PANDEY	2018	2907.41
217	FISHES AN INTRODUCTION TO ICHTHYOLOGY 5TH ED	Moyle	2019	1961.12
218	FISHES AND FISHERIES CONSERVATION, AND SUSTAINABLE DEVELOPMENT	GAONKAR	2017	2105.66
219	FIX YOUR TEAM : THE TOOLS YOU NEED TO REBUILD RELATIONSHIPS, ADDRESS CONFLICT AND STOP DESTRUCTIVE BEHAVIOURS	Smith	2018	2501.99
220	FLASH POINTS THE EMERGING CRISIS IN EUROPE	GEORGE FRIEDMAN	-	3825.00
221	FLOW CYTOMETRY WITH PLANT CELLS	DOLEZEL, J	2007	29862.00
222	FLUID MECHANICS 5TH ED	DOUGLAS	2019	0
223	FLUID MECHANICS AN INTERMEDIATE APPROACH	SULTANIA N	2018	2709.16
224	FLUID MECHANICS FUNDAMENTALS AND APPLICATIONS 3/E (HB	Cengel	2017	7210.43
225	FOOD ANALYSIS 5TH/ED	NIELSEN S S	2019	17044.26
226	FOOD ANALYSIS THEORY & PRACTICE 4TH ED	Pomeranz	2018	1810.34
227	FOOD BORNE DISEASES	BALWAN	2019	4823.16
228	FOOD ENGINEERING PROCESS AND TECHNOLOGY	MUKHOPA DHYAY	2018	2907.41
229	FOOD HYGIENE AND SANITATION WITH CASE STUDIES 2ND ED	RODAY	2017	1865.71
230	FOOD MICROBIOLOGY LABORATORY	MCLANDSB OROUGH	2019	11546.68
231	FOOD PLANTS OF THE WORLD IDENTIFICATION, CULINARY USES AND NUTRITIONAL VALUE	ERIK	2019	9384.07
232	FOOD SAFETY & PRESERVATION MODERN BIOLOGICAL APPROACHES TO IMPROVING CONSUMER HEALTH	GRUMEZES CU	2019	38278.75
233	FOOD SCIENCE AND TECHNOLOGY 2ND ED	CAMPBELL -PLATT	2002	12929.20
234	FOOTBALL'S SECRET TRADE	Duff	2017	2970.49
235	FOREIGN EXCHANGE REGULATION ACT, 1947		Lates t	15000.00
236	FOREST ACT, 1927		Lates t	15000.00
237	FORMULA FOR SUCCESS	Leach S.	2019	1741.13
238	FOUNDATIONS IN MICROBIOLOGY 10TH ED	TALARO	2018	8275.88

239	FOUNDATIONS OF ANALYTICAL CHEMISTRY A TEACHING-LEARNING APPROACH	CASES	2018	8057.84
240	FOUNDATIONS OF ELECTROMAGNETIC THEORY 4TH ED	REITZ	2017	1911.11
241	FUNDAMENTAL CONCEPTS OF INORGANIC CHEMISTRY (VOL-4)...IND/ED	DAS A K	2018	1712.62
242	FUNDAMENTALS AND ADVANCES IN KNITTING TECHNOLOGY	RAY	2018	6638.91
243	FUNDAMENTALS OF BIOCHEMISTRY MEDICAL COURSE & STEP 1 REVIEW	DITULLIO	2018	7318.00
244	FUNDAMENTALS OF BIOLOGY: TEXTBOOK + PRACTICE BOOK (2 VOLS SET)...IND/ED	WILEY	2018	2913.56
245	FUNDAMENTALS OF EARLY CHILDHOOD EDUCATION 8E	Morrison	2017	9939.44
246	FUNDAMENTALS OF ECOLOGY 5TH ED, Cap-18	ODUM	2017	1911.98
247	FUNDAMENTALS OF ISLAMIC ECONOMICS AND FINANCE	Yasin	2019	1900.00
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249	FUNDAMENTALS OF YARN WINDING	KORANNE	2017	1765.06
250	FUTURE FORWARD	Rifkin	2018	2975.26
251	FUTURE MINDS	RICHARD YONCK	-	5175.00
252	GANONG'S REVIEW OF MEDICAL PHYSIOLOGY 26TH/ED	BARRETT K M	2019	5108.44
253	GAS PURIFICATION	SINGLA	2017	4823.16
254	GENERAL AND INORGANIC CHEMISTRY PART II	SARKAR	2019	2116.63
255	GENERAL FINANCIAL RULES (FEDERAL)		Lates t	1700.00
256	GENETIC ANALYSIS AN INTEGRATED APPROACH	SANDERS	2019	2175.13
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258	GENOME DATA ANALYSIS: TRANSLATED BY YOUNGHEE LEE	KIM J H	2019	14833.67
259	GEOMETRY ESSENTIALS	Ryan	2019	1154.50
260	GLOBAL SUPPLY CHAIN AND OPERATIONS MANAGEMENT	Ivanov,D	2019	12375.40
261	GMAT OFFICIAL GUIDE 2019: BOOK + ONLINE ACCESS (IND/ED)	GMAC	2018	2106.13
262	GOVERNING IN A GLOBAL WORLD WOMEN IN PUBLIC SERVICE	D'AGOSTIN O	2008	8030.47
263	GOVERNING THE UNGOVERNABLE	Ishrat Husain	2018	871.25
264	GROUNDWATER POLLUTION RISK CONTROL FROM AN INDUSTRIAL ECONOMICS PERSPE	HUAN H	2018	21021.94
265	HANDBOOK OF ANALYTICAL INSTRUMENTS 3RD ED	KHANDPUR	2019	2927.50
266	HANDBOOK OF ENERGY STORAGE DEMAND, TECHNOLOGIES, INTEGRATION, SAB-19	STERNER	2020	26471.74
267	HANDBOOK OF HYDRAULICS 8E	LINDELL	2018	19639.38
268	HARPER'S ILLUSTRATED BIOCHEMISTRY 31ST/ED (IE)	RODWELL V W	2018	2972.54
269	HEALTH EDUCATION ELEMENTARY AND MIDDLE SCHOOL APPLICATIONS 8E	Telljohann	2017	15263.56
270	HEART OF THE MACHINE	RICHARD YONCK	-	6171.00
271	HEAT AND THERMODYNAMICS 8TH ED	ZEMANSKY	2020	1940.27
272	HEAT CONDUCTION 4TH ED	YENER	2018	3919.66
273	HEAVENSON EARTH	MICHAEL SHEMER	-	2485.00
274	HISTORY OF THE ELECTRON	NAVARRO J	2019	3953.40
275	HORTICULTURE PRINCIPLES AND PRACTICES 4TH ED.	ACQUAAH	2018	2576.01
276	HOW EDUCATION LEADERS GET RESULTS HIGH PAYOFF STRATEGIES	Spiro	2017	5465.99

277	HOW TO BUILD AN ONLINE BUSINESS	Schwerdt	2018	2993.08
278	HOW TO FIND FRAUD AND CORRUPTION HB	Nigel Iyer	2020	77718.69
279	HOW TO WORK WITH AND LEAD PEOPLE NOT LIKE YOU: PRACTICAL SOLUTIONS FOR TODAY'S DIVERSE WORKPLACE	Mcdonald	2017	3166.35
280	HUMAN RESOURCE MANAGEMENT	Stone	2017	9939.45
281	HYPERSPECTRAL REMOTE SENSING FUNDAMENTALS AND PRACTICES	Ruilang Pu	2017	17602.37
282	IMPORTANT TOPICS IN ORGANIC CHEMISTRY (IND/ED)	GOYAL K C	2018	923.87
283	INCOME TAX ORDINANCE, 2001		Lates t	15000.00
284	INCROPERA'S PRINCIPLES OF HEAT AND MASS TRANSFER 8TH ED	DEWITT	2018	2113.73
285	INDUS RIVER BASIN: WATER SECURITY AND SUSTAINABILITY	KHAN S	2019	18198.10
286	INDUSTRIAL AIR QUALITY AND VENTILATION: CONTROLLING DUST EMISSIONS	LOGACHEV I N	2017	15971.15
287	INDUSTRIAL ECONOMICS AN INTRODUCTORY TEXTBOOK REVISED 3RD ED	BARTHWA L	2018	906.13
288	INNOVATION MANAGEMENT	Chen	2019	9954.50
289	INORGANIC CHEMISTRY (IND/ED)	WULFSBER G G	2018	1938.32
290	INORGANIC CHEMISTRY 3RD ED	Sharpe	2019	1904.94
291	INORGANIC CHEMISTRY 3RD ED	MIESSLER	2019	1978.26
292	INORGANIC CHEMISTRY PRINCIPLES OF STRUCTURE AND REACTIVITY 4TH ED, Cap-18	HUHEEY	2019	1914.61
293	INSECT COLLECTION AND IDENTIFICATION: TECHNIQUES FOR THE FIELD AND LABORATORY	GIBB T	2020	14092.05
294	INTEGRATING SCALE IN REMOTE SENSING AND GIS	Quattrochi	2020	10020.32
295	INTERNAL COMBUSTION ENGINES 4TH ED	GANESAN	2020	1932.81
296	INTERNATIONAL ECONOMICS 13TH EDITION EMEA EDITION	SALVATOR E	2019	9498.06
297	INTERNATIONAL ECONOMICS 17TH ED	PUGEL	2020	14412.00
298	INTERNATIONAL ECONOMICS 6TH ED	GERBER	2017	1717.31
299	INTRODUCTION TO AGRICULTURAL ECONOMICS 6TH ED	PENSON	2019	2140.30
300	INTRODUCTION TO BIOINFORMATICS	ATTWOOD	2017	1577.99
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302	INTRODUCTION TO COMPUTER SCIENCE 2ND ED	ITL ESL	2019	1166.38
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304	INTRODUCTION TO ELECTROMAGNETIC COMPATIBILITY WITH CD 2ND ED	PAUL	2017	1973.38
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57	VETERINARY REPRODUCTION AND OBSTETRICS 10TH ED,	NOAKES	2020	27184.11
57	VOGEL'S QUALITATIVE INORGANIC ANALYSIS 7TH ED	SVEHLA	2018	1749.71
58	VOGEL'S TEXTBOOK OF PRACTICAL ORGANIC CHEMISTRY 5TH ED	FURNISS	2019	2865.26
58	VOGEL'S TEXTBOOK OF QUANTITATIVE CHEMICAL ANALYSIS 6TH ED	Mendham	2019	2194.36
58	VOGEL'S TEXTBOOK OF QUANTITATIVE CHEMICAL ANALYSIS 6TH/ED (LPE)	MENDHAM J	2019	1500.00
58	W.P. ARMS ORDINANCE, 1965		Latest	1600.00
58	WAFaqi MOHASIB OMBUDSMAN ACT		Latest	940.00
58	WALL STREET MBA, : YOUR PERSONAL CRASH COURSE IN CORPORATE FINANCE	Advani	2018	2884.17
58	WATER RESOURCES ENGINEERING 3E	Mays	2019	1500.00

587	WATER RESOURCES: AN INTEGRATED APPROACH 2ND ED HB	Joseph Holden	2020	8444.43
588	WATER-ENERGY-FOOD NEXUS: HUMAN-ENVIRONMENTAL SECURITY IN THE ASIA-PACIFIC RING OF FIRE	ENDO A	2018	16600.63
589	WEAPONS OF MATH DESTRUCTION	CATHY O'NEIL	-	6964.00
590	WEIGHTS AND MEASURES LAWS			1500.00
591	WELDING 2ND ED	HOFFMAN	2018	1755.82
592	WHAT ANYONE CAN DO	Bottary	2018	2958.22
593	WILDLIFE BIOLOGY AN INDIAN PERSPECTIVE	SAHA	2019	1098.66
594	WILL CHINA'S ECONOMY COLLAGE	Ann Lee	2017	1537.31
595	WILLIAMS BASIC NUTRITION AND DIET THERAPY	Nix	2017	1908.98
596	WILSON AND WALKER'S PRINCIPLES AND TECHNIQUES OF BIOCHEMISTRY AND MOLECULAR BIOLOGY 8TH ED	HOFMANN	2018	2166.19
597	WOMEN, ECONOMICS DEVELOPMENT, AND HIGHER EDUCATION TOOLS IN THE RECONSTRUCTION AND TRANSFORMATION OF POST-APARTHEID SOUTH AFRICA	EYNON	2020	16882.34
598	WORKMEN'S COMPENSATION ACT, 1923	Nisar Ahmad		175.00
599	YOUR BRAIN IS A TIME MACHINE : THE NEUROSCIENCE AND	Buonomano	2017	1819.49
600	ZUBAY'S MCQS PRINCIPLES OF BIOCHEMISTRY	RASTOGI	2018	795.16
601	ابلیس کون؟	عمارہ ربانی		355.00
602	ابن رشد اور ابن خلدون	عبدالله فہد فلاحی		400.00
603	حضرت اویس قرنی رحمۃ اللہ علیہ	عبدالرحمان شوق		220.00
604	نرالیے لوگ	جیون خان		655.00
605	ہم کہ ٹھہرے اجنبی	ڈاکٹر ایوب مرزا		280.00
606	بینی بال کی عسکری مہارت	لینارڈ کوٹرل		370.00
607	واصفیات واصف	واصف علی واصف		880.00
608	یادگار چشتی	نور احمد چشتی		220.00
609	آب بیٹی مائیکل جیکسن	مائیکل جیکسن		287.00
610	تاریخ انقلاب فرانس	جے ایم تھامسن		740.00
611	حضرت امام ابو حنیفہ کی سیاسی زندگی	مناظر احسن گیلانی		340.00
612	عالم برزخ	رئیس امروہی		475.00
613	محمد بن قاسم	مقصود شیخ		287.00
614	ہٹلر	مقصود شیخ		325.00
615	ابن خلدون	ملک اشفاق		340.00
616	آب بیٹی ٹیڑھی پسلیوں کی	ڈاکٹر فوزیہ خانم		550.00
617	باباگرونانک	سردار جی سنگھ		310.00
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619	تاریخ بلوچستان	لالہ ہتورام		941.00
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623	حضرت موسیٰ علیہ السلام	محمد اعظم رضاتبسم		212.00
624	خودنوشت	مولانا ابوالکلام آزاد		686.00
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644	THE FUTURE OF SOFTWARE QUALITY ASSURANCE	Goericke, S.	2019	9261.00
645	SOFTWARE QUALITY ASSURANCE: INTEGRATING TESTING, SECURITY, AND AUDIT.	Mahfuz, A.S.	2021	21735.00
646	ADVANCED ALGORITHMS AND DATA STRUCTURES	Rocca, M.O.	2021	9261.00
647	SOFTWARE ARCHITECTURE WITH C++: DESIGN MODERN SYSTEMS USING EFFECTIVE ARCHITECTURE CONCEPTS, DESIGN PATTERNS, AND TECHNIQUES WITH C++20	Ostrowski, A.	2021	6993.00
648	AN ELEMENTARY APPROACH TO DESIGN AND ANALYSIS OF ALGORITHMS.	Vermani, L.L.	2019	20223.00
649	FUNDAMENTALS OF SOFTWARE ARCHITECTURE: AN ENGINEERING APPROACH	Richards, M.	2020	8694.00
650	THE CLOUD COMPUTING BOOK: THE FUTURE OF COMPUTING EXPLAINED	Comer, D.	2021	18711.00
651	CLOUD COMPUTING: TECHNOLOGY AND PRACTICES	Harkut, D.G.	2019	24381.00
652	CLOUD COMPUTING: MASTER THE CONCEPTS, ARCHITECTURE AND APPLICATIONS WITH REAL-WORLD EXAMPLES AND CASE STUDIES	Hiran, K.K.	2019	4715.55
653	CLOUD COMPUTING: CONCEPTS AND TECHNOLOGIES	Manvi, S.	2021	10773.00
654	COMPONENT-BASED SOFTWARE ENGINEERING: METHODS AND METRICS	Tiwari, U.K	2020	23436.00
655	SOFTWARE ENGINEERING: A PRACTITIONER'S APPROACH. 9TH ED	Pressman, R.S.	2019	14931.00
656	STATISTICAL MODELLING AND MACHINE LEARNING PRINCIPLES FOR BIOINFORMATICS TECHNIQUES, TOOLS, AND APPLICATIONS	Siddesh, G.M.	2020	4536.00
657	KNOWLEDGE ENGINEERING: THE PROCESS PARADIGM	Fazlollahtabar, H.	2020	20979.00
658	HANDS-ON MACHINE LEARNING WITH SCIKIT-LEARN, KERAS, AND TENSORFLOW: CONCEPTS, TOOLS, AND TECHNIQUES TO BUILD INTELLIGENT SYSTEMS	Geron, A.	2019	5481.00
659	ARTIFICIAL INTELLIGENCE AND EXPERT SYSTEMS. STYLUS PUBLISHING LLC, VIRGINIA, USA	Gupta, I.	2020	6048.00
660	RESEARCH METHODOLOGY: A STEP-BY-STEP GUIDE FOR BEGINNERS 5TH (ED.). SAGE, THOUSAND OAKS, USA.	Kumar, R.	2019	3591.00
661	MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE.	Joshi, A.V.	2020	4536.00
662	INTELLIGENT SYSTEMS DESIGN AND APPLICATIONS, SPRINGER-VERLAG, HEIDELBERG, GERMANY.	Aabraham, J.	2021	84483.00
663	ADVANCES IN INTELLIGENT SYSTEMS AND COMPUTING, SPRINGER, SINGAPORE.	Debnath, B.	2022	41391.00
664	LANGUAGE AND AUTOMATA THEORY AND APPLICATIONS, SPRINGER, MILAN, ITALY.	Leporati, A	2021	4536.00
665	MODERN COMPUTER ARCHITECTURE AND ORGANIZATION: LEARN X86, ARM, AND RISC-V ARCHITECTURES AND THE DESIGN OF SMARTPHONES, PCS, AND CLOUD SERVERS	Ledin, J.	2020	6426.00
666	COMPUTER SYSTEMS ARCHITECTURE.	Yadin, A.	2020	8316
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676	LASER PHYSICS AND SPECTROSCOPY (FOR PARS)	Gosh, P.N.	2018	7182.00
677	CHARACTERIZATION OF MINERALS, METALS, AND MATERIALS (FOR PARS)	Moser, A.	2021	0
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679	FUNDAMENTALS OF MATERIALS SCIENCE AND ENGINEERING: AN INTEGRATED APPROACH (FOR PARS)	Callister, W.D.	2020	23058.00
680	ADVANCES IN ATOMIC, MOLECULAR AND OPTICAL PHYSICS (FOR PARS)	Dimauro, LF.	2021	38745.00
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689	HANDBOOK OF OPTOELECTRONIC DEVICE MODELLING AND SIMULATION FUNDAMENTALS, MATERIALS, NANOSTRUCTURES, LEDS, AND AMPLIFIERS (FOR PARS)	Piprek, J.	2017	51597.00
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694	APPLIED ECONOMIC BOTANY	Cook, M.T.	2008	4904.55
695	APPLIED PLANT GEOGRAPHY	Pagare, P.	2010	4993.38
696	AUTOPHAGY AND SIGNALING, METHODS IN SIGNAL TRANSDUCTION SERIES	Wong, E.	2021	5401.62
697	BIOCHEMISTRY AND MOLECULAR BIOLOGY OF PLANTS, 2ND ED.	Buchanan, B.W.	2015	8794.17
698	BIODIVERSITY AND CONSERVATION IN FORESTS	Tomback, D.F.	2019	8692.11
699	BIOTECHNOLOGIES FOR PLANT MUTATION BREEDING: PROTOCOLS	Jankowicz Cieslak, J	2017	5668.11
700	BOTANY, AN INTRODUCTION TO PLANT BIOLOGY, 6TH ED.	Mauseth, J.D.	2021	17773.56
701	COMMUNICATION IN PLANTS, NEURONAL ASPECTS OF PLANT LIFE, 1ST ED.	Baluska, F.	2020	4715.55
702	ECOLOGY AND ECOSYSTEM CONSERVATION	Schmitz, O.J.	2010	7371
703	ENVIRONMENTAL BIOLOGY	Babulski, J.	2020	8117.55
704	ENVIRONMENTAL FLOW ASSESSMENT METHODS AND APPLICATIONS	Williams, J.G.	2019	11332.44
705	ENVIRONMENTAL SCIENCE AND POLLUTION CONTROL	Rao, M.R.J	2021	3780
706	ESSENTIAL FORENSIC BIOLOGY	Gunn, A.	2019	8952.93
707	ETHNOBIOLOGY OF MOUNTAIN COMMUNITIES IN ASIA	Abbasi, A.M.	2020	36796.41
708	EXPLORING POTENTIAL OF MINOR/UNDERUTILIZED	Ahmad, F.	2018	7928.55

	GRASSES FOR REMOTE AREAS FACING FOOD SECURITY. GLOBAL PERSPECTIVES OF UNDERUTILIZED CROPS.			
709	FODDER CROPS AND AMENITY GRASSES, VOL.5, HANDBOOK OF PLANT BREEDING	Boller, B.	2018	40635
710	FORENSIC BOTANY: A PRACTICAL GUIDE	Byrd, J.	2012	11920.23
711	FUNDAMENTALS OF CONSERVATION BIOLOGY	Hunter, M.L.	2019	14522.76
712	GALE RESEARCHER GUIDE FOR FORENSIC BOTANY	Warner, J.M.	2018	3211.11
713	GLOBAL VEGETATION, FUNDAMENTALS, ECOLOGY AND DISTRIBUTION	Pfadenhauer, J.S.	2020	26550.72
714	HERBAL ALLIES AND PLANT PROFILES, A PRACTITIONER GUIDE TO ESSENTIAL MEDICINAL HERBS, 2ND ED.	Hardin, K.R.	2019	7371
715	INTRODUCTION TO CULTURAL ECOLOGY	Sutton, M.Q.	2014	5541.48
716	MEASURING PLANT DIVERSITY	Stohlgren, T.J.	2016	14175
717	MECHANISM OF GENE REGULATION: HOW SCIENCE WORKS?	Carlberg C.	2020	14173.11
718	MEDICINAL PLANT BIODIVERSITY OF LESSER HIMALAYAS, PAKISTAN	Abbasi, A.M.	2012	4723.11
719	MEDICINAL RESOURCES OF THE TROPICAL FOREST BIODIVERSITY AND ITS IMPORTANCE TO HUMAN HEALTH	Balick, M.J.	2016	16821
720	MEMORY AND LEARNING IN PLANTS	Baluska, F.	2018	19504.8
721	NATURAL RESOURCE MANAGEMENT REIMAGINED (ECOLOGY, BIODIVERSITY AND CONSERVATION), 1ST ED.	Woodmansee , R.G.	2021	9448.11
722	OMICS TECHNOLOGIES AND CROP IMPROVEMENT	Benkeblia, N.	2019	33148.71
723	ORIGIN AND GEOGRAPHY OF CULTIVATED PLANTS	Vavilow, N.I.	2009	14740.11
724	PHYSIOCHEMICAL AND ENVIRONMENTAL PLANT PHYSIOLOGY	Nobel, P.S.	2020	14541.66
725	PHYSIOLOGICAL PLANT ANATOMY	Haberlandt, G.	2016	10536.75
726	PLANT ANATOMY AND MORPHOLOGY, STRUCTURE FUNCTION AND DEVELOPMENT	Fitzgerald, I.	2020	26460
727	PLANT BEHAVIOR AND INTELLIGENCE, 1ST ED.	Trewavas, A.	2015	9070.11
728	PLANT DEVELOPMENT BIOLOGY, BIOTECHNOLOGICAL PERSPECTIVES.	Pua, E.C.	2014	30582.09
729	PLANT EMBRYOGENESIS, METHODS AND PRODUCTS, 1ST ED.	Bayer, M.	2020	6613.11
730	PLANT EVOLUTION IN THE MEDIERRANEAN: INSIGHTS FOR CONSERVATION	Thompson, J.D.	2020	6762.42
731	PLANT EVOLUTIONARY DEVELOPMENTAL BIOLOGY, 1ST ED.	Minelli, A.	2018	15876
732	PLANT GROWTH AND DEVELOPMENT	Srivastava, I.M.	2002	18711
733	PLANT PHYSIOLOGICAL ECOLOGY	Lambers, H.	2019	16063.11
734	PLANT PHYSIOLOGY AND DEVELOPMENT. 6TH ED.	Taiz, L.	2018	24560.55
735	PLANT PHYSIOLOGY, THEORY AND APPLICATIONS	Kochhar, S.L.	2020	7558.11
736	PRINCIPLES OF EVOLUTION: SYSTEMS, SPECIES AND THE HISTORY OF LIFE	Bard, J.	2016	8692.11
737	PRINCIPLES OF SOIL AND PLANT WATER RELATIONS. 2ND ED.	Kirkham, M.B.	2014	18890.55
738	QUATERNARY ECOLOGY, EVOLUTION, AND BIOGRAPHY	Rull, V.	2020	7560
739	RADIATION PROCESSED POLYSACCHARIDES EMERGING ROLES IN AGRICULTURE	Naeem, M.	2021	37800
740	SALT RANGE GRASSES OF PAKISTAN	Ahmad, F	2010	19845
741	SIGNAL TRANSDUCTION	Kramer, I.	2016	15685.11
742	SIGNALING IN PLANTS	Baluska F.	2021	7560
743	SOIL AND WATER CONTAMINATION	Perk, M.	2014	7560
744	TECHNOLOGY IN FORENSIC SCIENCE: SAMPLING, ANALYSIS, DATA AND REGULATIONS	Rawtani, D.	2020	27216

743	THE GRAMINEAE: A STUDY OF CEREAL, BAMBOO AND GRASS	Arber, A	2018	10773
746	THE MAJOR METAPHORS OF EVOLUTION, DARWINISM THEN AND NOW	Agosta, S.J.	2020	26080.11
747	THE MOLECULAR LIFE OF PLANTS	Jones, R.	2013	5874.12
748	THE NEW OXFORD BOOK OF FOOD PLANTS	Vaughan, J.	2017	8297.1
749	THE REVOLUTIONARY GENIUS OF PLANTS. A NEW UNDERSTANDING OF PLANT INTELLIGENCE AND BEHAVIOR	Mancuso, S.	2018	18881.1
750	THE THEORY OF EVOLUTION, PRINCIPLES, CONCEPTS AND ASSUMPTIONS	Scheiner, S.M.	2020	8505
751	TISSUE-SPECIFIC CELL SIGNALING	Fardilha, M.	2020	4536
752	UV-B RADIATION AND PLANT LIFE, MOLECULAR BIOLOGY TO ECOLOGY.	Jordan, B.R.	2017	31434.48
753	WHAT EVERYONE NEEDS TO KNOW	Dunbar, R.	2020	3137.4
754	WILD PLANTS AS SOURCE OF NEW CROPS	Smykal, P.	2020	7749
755	WILDLIFE FORENSIC INVESTIGATION, PRINCIPLES AND PRACTICE	Cooper, J.E.	2013	17945.55
	<b>BOOKS FOR TOBA TEK SINGH: 756 - 778</b>			

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Qari Tariq Javed Arfi	300
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Section VIII.

**Sample Forms**



**Sample Forms**

1.	Bid Form and Price Schedules .....	90,91
2.	Manufacturer’s/Distrbutor's/Dealer's Certificate Form	92

1. Bid Form and Price Schedules

To:

Date: \_\_\_\_\_

Tender No. \_\_\_\_\_

Muhammad Umar Farooq,  
Librarian,  
Department of Library,  
University of Agriculture,  
Faisalabad.

Gentlemen and/or Ladies:

Having examined the bidding documents including Tender No.6/2022, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver *[description of goods and services]*in conformity with the said bidding documents for the sum of *[total bid amount in words and figures]*or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid. We understand that failure to furnish all information required by the bidding documents or to submit a bid not substantially responsive to the bidding documents in every respect will be at our risk and may result in the rejection of its bid.

If our bid is accepted, we undertake to provide a performance security in the form, in the amounts, and within the times specified in the bidding documents and to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements. Failure to which, the Purchaser reserve the right to take action as per provisions of the bidding documents.

We agree to abide by this Bid for the Bid Validity Period specified in Clause 16.1 of the Bid Data Sheet and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount and Currency	Purpose of Commission or gratuity
_____	_____	_____
_____	_____	_____
_____	_____	_____
(if none, state “none”)		

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any bid you may receive.

We certify/confirm that we comply with all requirements as per ITB Clause 2 of the bidding documents.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

\_\_\_\_\_

[signature]

\_\_\_\_\_

[in the capacity of]

Duly authorized to sign Bid for and on behalf of \_\_\_\_\_

### Price Schedule for Goods Offered from within the Purchaser's Country

Name of Bidder \_\_\_\_\_.Tender Number \_\_\_\_\_.Page \_ of \_\_\_\_.

1	2	3	4	5
Item	Description	Country of origin	Quantity	Price including all Taxes

Signature of Bidder \_\_\_\_\_

*Note:* In case of discrepancy between unit price and total, the unit price shall prevail.

**Manufacturer’s/Distributor’s/Dealer’s Certificate Form**

[See Clause 13.3 (a) of the Instructions to Bidders.]

To: *[name of the Purchaser]*

WHEREAS *[name of the Manufacturer/Distributor/Dealer]* who are established and reputable Manufacturer/Distributor/Dealer of *[name and/or description of the goods]* having factories/Warehouse/trading house at *[address of factory]*

do hereby authorize *[name and address of Agent]* to submit a bid, and subsequently negotiate and sign the Contract with you against Tender No. *[reference of the Invitation to Bid]* for the above goods manufactured by us.

We hereby extend our full guarantee and warranty as per Clause 15 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids.

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*[signature for and on behalf of Manufacturer]*

*Note:* This letter of authority should be on the letterhead of the Manufacturer/Distributor/Dealer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the Bidder in its bid.